

SOUTHEASTERN BIOLOGY



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ASB 69TH ANNUAL MEETING

ASB

APRIL 16-19, 2008

ASB

Furman University
Greenville, South Carolina, and
Wofford College
Spartanburg, South Carolina

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Entrance to the University.

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PURPOSE

The purpose of this association shall be to promote the advancement of biology as a science by encouraging research, the imparting of knowledge, the application of knowledge to the solution of biological problems, and the preservation of biological resources. The ASB has representation in Section G Committee of the AAAS. Varying types of membership are available to individuals and institutions. See inside back cover.

TIME AND PLACE OF FUTURE MEETINGS

2008 April 16-19: Co-hosted by Furman University, Greenville, South Carolina, and Wofford College, Spartanburg, South Carolina.
2009 April 1-4: Co-hosted by Jacksonville State University, Jacksonville, Alabama, and University of Alabama, Birmingham, Alabama.

**Furman University, Greenville SC
and
Wofford College, Spartanburg SC**

are proud to host the



**69th Annual Meeting of the
Association of Southeastern Biologists
April 16 – 19, 2008, Spartanburg, SC
Spartanburg Marriott at Renaissance Park**

This four-day event brings together approximately 800 biologists from across the southeastern United States. The meeting features a distinguished plenary speaker, special symposia, field trips, oral and poster presentations, workshops, networking and social events, and more.

The Annual Meeting provides you with the exclusive opportunity to showcase your products and/or services to this large and important audience of faculty, students, researchers, conservation workers, military and government personnel, and business professionals with a common interest in biological issues. Interests are diverse, and range from genetics and molecular biology, to physiology and population biology, to community and ecosystem ecology and systematics.

About ASB: The Association of Southeastern Biologists (ASB) was established in 1937 by biologists concerned with the quality of biological research in the southeastern United States. Today, ASB is the largest regional biology association in the country, and is committed to the advancement of biology as a science by the promotion of science education, research, and the application of scientific knowledge to human problems.

ASB Web Site: Many thanks to Dr Dwayne Wise, Mississippi State University for launching ASB's new web site. Please visit our new and exciting web site: www.asb.appstate.edu. Many new features have been added, register on-line for our Annual Meeting, view photos, inquire about career opportunities and more.

Furman University, Greenville

Furman University is the oldest and largest private university in South Carolina. Founded in 1826, Furman moved three times in its early years before settling in Greenville in 1850. The most recent move was in 1961, when Furman relocated to its current 800-acre location on the outskirts of Greenville. The move to the stunning, new campus served as a catalyst for Furman's ongoing transformation from a primarily regional college to one of the leading liberal arts colleges in the United States. Today Furman has 2,660 students, offers majors and programs in 42 subjects and is one of the select group of colleges that qualify for a chapter of Phi Beta Kappa. Undergraduates come from 46 states and 31 countries.

In recent years Furman has been an exemplar of a new type of liberal arts institution. While still grounded in the humanities, arts and sciences, the university has earned a national reputation for its program of engaged learning, a problem-solving, project-oriented, experience-based approach to the liberal arts. Engaged learning encourages students to develop creative ways to put classroom theory into practice and to take a more active role in their education through internships, service learning, study abroad and research.

Furman is also a leader in environmental sustainability. In 2007, the school was named one of the nation's 50 most environmentally conscious colleges and universities by KIWI Magazine. Furman president David Shi is among a group of college presidents who recently committed to address the problems of global warming and pursue the goal of making their campuses climate neutral. Furman has also received awards from the South Carolina Wildlife Federation and the state chapter of the U.S. Green Building Council for its commitment to sustainability and conservation education.

Wofford College, Spartanburg

Opened in 1854, Wofford is an independent liberal arts college of 1,350. Affiliated with the United Methodist Church, it has one of the nation's 270 Phi Beta Kappa chapters. The 150-acre campus is recognized both as a national arboretum and a National Historic District. Wofford is noted for excellent pre-professional programs in health fields and law, for study abroad (in the top five colleges nationally, according to the annual Open Doors report); for student voluntarism, including the Bonner Scholars program; and for a creative writing concentration that includes publishing student novels. Wofford was one of 20 colleges featured in *Student Success in College: Creating Conditions that Matter* (2005), the formal report of Project DEEP (Documenting Effective Educational Practices), a project of the National Survey of Student Engagement

The story is told that Wofford Terrier athletics teams take their name from a professor's dog, which raced out of the grandstand during a 1909 baseball game and drove off an opposing runner as he tried to tie the score. That legend may or may not be true, but the sleek and handsome Boston Terrier is a good symbol for Wofford College. Terriers are small, but they are full of intelligence and energy.

Spartanburg, South Carolina

The City of Spartanburg, with a population of 40,000, covers approximately 20.5 square miles. It draws on a population of nearly 750,000 within a 30-mile radius of its location. Conveniently situated at the junction of I-26 and I-85 and located in the foothills of the beautiful Blue Ridge Mountains, The Hub City has a mild climate, with four distinct seasons, providing fine weather for outdoor activities year-round. With six institutions of higher learning, Spartanburg is a "College Town." It was ranked by Relocate America as one of the "Top 25 places to Live and Go to School 2007", Promise Alliance ranked it as one of the "100 Best Communities for Young People," and Sperling's Cities Ranked and Rated 2007 rated it the top city in South Carolina in which to live. Spartanburg is the only city in South Carolina to receive the designation as a Bicycle-Friendly Community by the Washington-based League of American Bicyclists.

The Spartanburg Marriott at Renaissance Park

Centrally located in downtown Spartanburg, South Carolina, this stunning, new hotel is located within walking distance of restaurants, entertainment, quaint shops, and historic Spartanburg walking tours. Beautiful rooms, terrific restaurants, hallmark Marriott service and easy access to Greenville-Spartanburg International Airport make this Spartanburg SC hotel ideal for an ASB meeting. The Spartanburg Marriott Hotel and Conference Center offers 30,000 sq ft of flexible, state-of-art meeting and event space that includes 27 event rooms, numerous breakout rooms, 3 boardrooms, and the 11,340 sq ft Spartanburg Marriott Heritage Ballroom which can seat up to 1,500. ASB has completely booked the Hotel and Conference Center for the three days of the meeting, so we will have exclusive use of these excellent facilities.

ASB-2008 Tentative Schedule

DAY/TIME	EVENT
Wednesday, April 16	
8:00 am-8:00 pm	Registration Open
8:00 am-8:00 pm	Cyber Café Open
9:00 am-4:00 pm	Exhibitor Move-In
12 noon-2 pm	Exhibitor Pizza Party (Exhibitors Only)
1:30-5:30 pm	ASB Executive Committee Meeting
1:30-5:30 pm	SABS Council Meeting
2:00-5:00 pm	SSP Executive Committee Meeting
5:30-7:30 pm	SSP Presidential Symposium
7:30-9:00 pm	ASB Plenary Session: Dr. William Schlesinger – "Managing Forests and Soils to Store Carbon and Mitigate Climate Change" Leonard Auditorium, Old Main Bldg, Wofford College
9:00-10:30 pm	Welcome Reception with light hors d'oeuvres

Thursday, April 17

7:00 am-5:00 pm	Power Point Preview & Technology Check
7:00-8:30 am	ASB Past Presidents' Breakfast
8:00 am-5:00 pm	Exhibits Open
8:00 am-5:00 pm	Registration Open
8:00-9:00 am	ASB Posters I: Setup
8:10-12:10 pm	Symposium I – "Them's the Brakes: The Past and Future of North American Bamboo"
8:15-10:00 am	Paper Presentations
9:00 am-4:00 pm	ASB Posters I: On Exhibit
10:00-11:00 am	ASB Posters I: Presenters (odd numbered posters) must be present
10:00-10:30 am	Break: Visit Exhibits & Posters
10:30-12:00 pm	Paper Presentations
12:00-1:30 pm	Lunch (Individuals & Organizations)
12:00-1:30 pm	Education Committee Luncheon and Workshop: Now What Do I Do: Career Options In Biology and How to Attain Them"
12:00-1:30 pm	SWS South Atlantic Chapter Luncheon
1:00-5:00 pm	Tri-Beta Field Trip to Lake Conestee Nature Park
1:30-3:00 pm	Paper Presentations
1:30-5:00 pm	Symposium II: "Research at Undergraduate Institutions: Pitfalls and Possibilities"
2:30-3:30 pm	ASB Posters I: Presenters (even numbered posters) must be present
3:00-3:30 pm	Break: Visit Exhibits & Posters
3:30-5:15 pm	Paper Presentations
4:00-5:00 pm	ASB Posters I: Poster Removal
6:00-11:00 pm	Thursday Night Social

Friday, April 18

7:00 am-4:00 pm	Power Point Preview and Technology Check
7:00-8:30 am	SABS/BSA Breakfast
7:30-8:30 am	ASB Patrons and Exhibitors Breakfast
7:30-8:45 am	βββ Poster Setup
7:30-9:00 am	SSP Breakfast and Business Meeting
8:00-9:00 am	ASB Posters II: Setup
8:00 am-2:00 pm	Exhibits Open
8:15-10:00 am	Paper Presentations
8:30-9:00 am	βββ Officers Meeting
9:00-10:00 am	βββ Judges Meeting
9:00 am-4:00 pm	ASB Posters II: On Exhibit
9:00-10:00 am	SHC Executive Board Meeting
10:00-11:00 am	βββ Business Meeting
10:00 am-12:00 pm	βββ Poster Presentations
10:00-11:00 am	ASB Posters II: Presenters (odd numbered posters) must be present
10:00-10:30 am	Break: Visit Exhibits & Posters
10:30-11:15 am	Paper Presentations

11:15 am-12:15 pm	ASB Business Meeting
12:15-1:45 pm	Lunch (Individuals & Organizations)
12:15-1:45 pm	Converse College Sponsored Luncheon and Speaker: "Women in Science"
12:15-1:45	ESA/SE Luncheon
2:00-4:00 pm	Exhibitor Move-Out
1:45-4:45 pm	Paper Presentations
1:45-4:45 pm	Symposium III: "The Southeast Regional Knowledge Partnership: From Regional Relevance to Global Significance"
2:30-3:30 pm	ASB Posters II: Presenters (even numbered posters) must be present
3:00-3:30 pm	Break: Visit Exhibits & Posters
3:30-4:00 pm	ASB Posters II: Poster Removal
4:00-5:00 pm	SHC Business Meeting
6:00-7:00 pm	Friday Night Social
7:00-10:00 pm	Awards' Banquet: Presentation and Announcement of Awards

Saturday, April 19

7:30-11:30 am	ASB Executive Committee Breakfast Meeting
9:00 am- 1:00 pm	Field Trips (Listed in this issue)
8:30 am- 4:30 pm	Curator's Workshop

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PLENARY SPEAKER
WILLIAM H. SCHLESINGER

Our Plenary Speaker for the 2008 Annual Meeting of the Association of Southeastern Biologists is Dr. William H. Schlesinger. His lecture is entitled "Managing Forests and Soils to Store Carbon and Mitigate Climate Change." Dr. Schlesinger is one of the world's foremost experts on biogeochemical cycles, including that for carbon. His topic is both timely and of considerable importance to all of us, and we look forward to his presentation at the upcoming meeting in Spartanburg, South Carolina.

Dr. Schlesinger is a long-time resident and researcher in the southeast. He conducted research for his doctoral dissertation in the Okefenokee Swamp in southern Georgia, and he recently completed 27 years of service on the faculty of Duke University. He is currently President of the Institute of Ecosystem Studies, a private ecological research institute on the grounds of the Cary Arboretum in Millbrook, NY. Completing his A.B. at Dartmouth (1972) and Ph.D. at Cornell (1976), he moved to Duke in 1980, where he retired in spring 2007 as Dean of the Nicholas School of the Environment and Earth Sciences and as James B. Duke Professor of Biogeochemistry. Dr. Schlesinger and his wife, Lisa, live in Millbrook, New York, where they enjoy birdwatching, gourmet cooking, and collecting southwestern art.



William H. Schlesinger

Dr. Schlesinger is the author or coauthor of over 180 scientific papers on subjects of environmental chemistry and global change and a widely-adopted textbook on biogeochemistry. He was among the first to quantify the amount of carbon held in soil organic matter globally, providing subsequent estimates of the role of soils and human impacts on forests and soils in global climate change. He was elected a member of The National Academy of Sciences in 2003 and was President of the Ecological Society of America for 2003-2004. He is also a fellow in the American Geophysical Union and the Soil Science Society of America.

Dr. Schlesinger's past work has taken him to diverse habitats, ranging from the Okefenokee Swamp to the Mojave Desert of California, and three times as a Duke alumni tour guide to Antarctica. His research has been featured on NOVA, CNN, NPR, and on the pages of *Discover*, *National Geographic*, *The New York*

Times, and Scientific American. Dr. Schlesinger has testified before U.S. House and Senate Committees on a variety of environmental issues, including preservation of desert habitats, global climate change and carbon sequestration. He currently serves on the Board of Trustees for the Doris Duke Charitable Foundation (New York) and the Southern Environmental Law Center (Charlottesville) and on the Board of Scientific Advisors for Terrapass LLC (San Francisco). He is also a member of the selection advisory committee for the St. Andrews Prize for Environment, sponsored by Conoco-Phillips.

Dr. Schlesinger provided the following personal statement of his research interests: "Since the beginning of my scientific career, I have been interested in the circulation of the chemical elements in natural ecosystems—now widely known as biogeochemistry. Most of my work has focused on soils, especially on the carbon stored in soils, which contain a major pool in the global carbon cycle. My early work provided estimates of the storage of organic carbon (humus) and inorganic carbon (largely calcium carbonate) in soils, losses of soil carbon to runoff, changes in soil carbon with conversion of land to agriculture, and accumulations of carbon during soil development. More recently, I have examined changes in soil processes and soil carbon storage that will accompany plant growth at elevated levels of atmospheric carbon dioxide, as simulated in the Duke Forest Free-Air CO₂ Enrichment (FACE) experiment. My work also evaluates recommendations for carbon sequestration as a means to control the accumulation of CO₂ in Earth's atmosphere and to mitigate the potential for global warming. In addition to my studies of soil carbon, I have provided a budget summarizing the sources of atmospheric ammonia and a synthetic compilation of the global boron cycle. My approach, philosophy, and much of my other work is summarized in my textbook, *Biogeochemistry: an analysis of global change*, available in its second edition (1997) through Academic Press/Elsevier, San Diego."

We welcome Dr. Schlesinger to the 69th Annual Meeting of the Association of Southeastern Biologists!



Travel to Spartanburg Marriott at Renaissance Park

From Charlotte via I-85 South (71 miles, 1.3 hours). Continue southbound on I-85 past a series of exits marked Spartanburg, including the Business I-85 spur. Exit #75 (SC-9) is marked "To Wofford College." Take that exit. At the top of the ramp, turn left. After the fourth traffic signal, SC-9 turns left down a ramp to join I-585. Do not turn there, but follow the sign straight ahead toward Wofford via North Church Street (US-221). After you pass the Spartanburg Regional Medical Center, be alert to the fact Church Street curves to the left at its intersection with the Asheville Highway. The front gate to the Wofford campus is on the left, 0.4 miles beyond that point. Continue southbound on North Church Street for three blocks to The Spartanburg Marriott, which is on the left.

From Atlanta via I-85 North (170 miles, 3.3 hours). These directions also apply to visitors coming from the **Greenville-Spartanburg International Airport (20 miles, 0.5 hours)**. Leave I-85 at Exit #69, the Spartanburg Business I-85 spur. Follow the freeway to Exit #4 (Asheville Highway/SC-56), marked "To Wofford College." At the bottom of the ramp, you are on Hearon Circle. The second exit off the circle is Asheville Highway and is marked with a Wofford sign. Continue straight ahead toward downtown Spartanburg for 2.7 miles. The front gate to the Wofford campus is on the left, 0.4 miles after the intersection with North Church Street (US-221). Continue southbound on North Church Street for three blocks to The Spartanburg Marriott, which is on the left.

From Asheville and I-40 via I-26 East (65 miles, 1 hour). Take Exit #15 (Spartanburg via US-176), marked "To Wofford College." At the top of the cloverleaf ramp, 8.2 miles from the college, turn right. After passing the First Baptist Church - North Spartanburg and a shopping center, the highway divides; be sure to bear left and stay on US-176 / I-585. Follow the freeway past the USC Upstate Campus and the Milliken Research Center and take Exit #25-B, North Church Street (US-221). After you pass the Spartanburg Regional Medical Center, be alert to the fact Church Street curves to the left at its intersection with the Asheville Highway. The front gate to the Wofford campus is on the left, 0.4 miles beyond that point. Continue southbound on North Church Street for three blocks to The Spartanburg Marriott, which is on the left.

From Columbia and I-20 via I-26 West (90 miles, 1.3 hours). Take Exit #28 (US-221), marked "To Wofford College." At the bottom of the ramp, 8.9 miles from the college, turn right. This dual-lane highway, which becomes South Church Street, takes you directly to the Spartanburg Marriott. After reaching the central business district, continue past the Spartanburg County Library and Morgan Square for about 0.4 miles to the entrance to the Marriott, which is on the right.

ASB 2008 Field Trips

For its geographic area, South Carolina is rich in natural habitats and species diversity, and thus presents many excellent opportunities for biological research. The lower two-thirds of the state is dominated by coastal plain, and its related fall-line sandhills. The western third of the Palmetto State comprises Blue Ridge and Piedmont ecoregions. A series of field trips has been planned for the exploration of the Blue Ridge and Piedmont.

Trips are approximately a half-day in length and will involve caravans. Carpooling, where possible, will be encouraged. All trips will begin from the check-in area at our convention center, the Spartanburg Marriott at Renaissance Park. "One way" participation, that is, without a return to Spartanburg, is OK. Trip end times are the times you could expect to be back in Spartanburg. Lunch will be on your own; bring whatever food and water you will need.

The middle of April in South Carolina is a beautiful time, as spring literally erupts across the state. Nevertheless, we often have cool snaps and sudden rainy weather in the spring, and storms are possible. Participants are requested to dress appropriately (including selecting proper footwear), and to be aware that ALL the field trips involve potential wet or muddy places. Spring is not particular

bad in the mosquito and yellow-fly department (that's during the summer!), but insect repellent may be useful. The best philosophy, of course, is to be a good boy scout or girl scout, and to BE PREPARED. Consider also that we are home to several trillion fire ant nests, which can make a field trip very unpleasant. Departure and return times may be subject to minor changes that will be announced. For information, contact field trip coordinator Doug Rayner.

ASB 2008 Field Trip Options

1. ***Botanical Diversity Field Trip***, Wadakoe Mountain, Pickens County SC. 8:00 am - 2:00 pm. Trip leader: Patrick McMillan, Clemson University, host of SCETV's "Expeditions." Spectacular plant diversity and many botanical rarities, because of unusual geology and soils. Maximum of 20 participants.
2. ***Wildflowers Field Trip***, Bridal Veil Falls, Transylvania County, NC. 8:00 am - 2:00 pm. Trip leader: Doug Jensen, Converse College. An easy hike in an area with a great diversity of wildflowers and pteridophytes, finishing at the spectacular waterfall featured in the climactic scene of the *Last of the Mohicans*, which we will be able to walk behind. Hike includes fording an ankle- to shin-deep creek. Maximum of 20 participants
3. ***Herpetological Field Trip***, Bat Cave and Hickory Nut Gorge, NC. Time 8:30 am – 2:30 pm. Trip leaders: Wayne Van Devender, Appalachian State University, Ab Abercrombie, Wofford College. Reptiles and amphibians of the piedmont and Blue Ridge, including green and crevice salamanders. Maximum of 15 participants.
4. ***Birding Field Trip***, Cottonwood Trail, Spartanburg County, SC. 8:00 am – 12:00 pm. Trip leaders: Lyle and Sarah Campbell, USC Upstate. Avifauna of the South Carolina piedmont. Over 130 species have been reported from this oasis located just minutes from downtown Spartanburg. With uplands, hardwoods, pines, river edges, wetlands and meadows, you can expect a full suite of woodpeckers and other residents plus early warblers. Binoculars strongly recommended. Easy walking trail. Maximum of 20 participants.
5. ***Aquatic Invertebrate Field Trip***, The Nature Conservancy's Blue Wall Preserve, Spartanburg County, SC. 9:00 am – 1:00 pm. This easternmost portion of the Blue Ridge Escarpment offers beautiful mountain views, old forests, and clear streams. Get your feet wet and discover the fascinating world of stream invertebrates from a fabulous upper piedmont stream. Learn about their role in the natural world, and how they can be used to assess water quality. Transportation provided for up to 14; maximum of 20 participants; waders provided for 10.
6. ***Ichthyology Field Trip***, Middle Saluda River, Jones Gap State Park, Greenville County, SC. 8:45 am – 12:00 pm. Trip leader: Dan Rankin, SC Dept. of Natural Resources. Characteristic fish fauna of a pristine Blue Ridge mountain stream and a downstream piedmont segment of the same stream. Using several electrofisher units and nets, most (20+) of the 26+ species characteristic of these systems should be seen during this trip. Maximum of 15 participants; waders provided for 10.

Education Committee Luncheon and Workshop

The Education Committee will offer a workshop entitled, "**Now what do I do? Career options in Biology and how to attain them**" from 12:00-1:45 on Thursday afternoon. The workshop is available to all and includes lunch paid for by ASB (limit 50 participants – Register early!!) The purpose of the workshop is to help both undergraduate and graduate students to understand the career options available to them as they approach graduation. We plan to have a brief opening presentation outlining career opportunities for those receiving degrees in biology followed by a round table discussion of these options. We also plan to discuss strategies for pursuing these various career options.

Saturday Herbarium Curators Workshop

SERNEC (Southeast Regional Network of Expertise and Collections) is a five-year project funded by the National Science Foundation to develop a network of herbaria in the Southeast. This network is designed to encourage cooperation in databasing the region's collections by the year 2020, while at the same time developing herbaria as community centers for learning about plants. To continue the work started at last year's ASB meeting in Columbia, South Carolina, the curators from the 150 herbaria in the Southeast will meet on Saturday after the ASB meeting for a workshop on "Research, Collaborations and Funding".

Our networking efforts in the Southeast put us at the forefront of a national effort to database biological collections. The Saturday Curator's Workshop will help us determine how we can interact in novel ways to provide a model for other regions as they develop their networks. These interactions will cut across taxonomic boundaries and across disciplines within biology, while developing new methods to get information to the diversity of users in the community.

SERNEC (see SERNEC.ORG) is funded by the National Science Foundation as a Research Coordination Network. Through this grant we have monies to offset the cost of travel to this meeting. If you need additional information about this Curator's Workshop please contact Zack Murrell at murrellze@appstate.edu.

Special Session and Luncheon: Women in Science

Converse College is sponsoring a luncheon talk and discussion on "**Women in Science**" from 12:15-1:45 on Friday afternoon. The luncheon is available to all and includes lunch at a discounted rate thanks to Converse College! Space is limited, so register early! The talk during lunch (followed by discussion) will be given by Melissa Walker, George Dean Johnson, Jr. Associate Professor of History, Converse College, and is entitled "**Research is a Passion With Me: Three Pioneer Women Scientists**". A synopsis is below. For further information see the following URL: <http://www.converse.edu/wis/>.

Late-nineteenth century women with scientific aspirations faced numerous obstacles. The ideology of the period held that motherhood was a woman's highest calling and that intense intellectual activity would damage a woman's

reproductive capacity. Many experts believed that women were incapable of the systematic thought required for scientific inquiry. Graduate schools often refused to admit women, maintaining that female students would take the place of men who needed education in order to support families. Women's own families often opposed their ambitious personal goals.

In spite of the obstacles, many women stubbornly persevered and became scientists. These pioneering women displayed the characteristics typical in male scientists. They enjoyed an unusually precocious early intellectual life and a fascination with nature. They often described innovative and intense early schooling. Yet there were experiences unique to women scientists. They faced intense discrimination and often found themselves excluded from much hard scientific research, channeled into the fields thought to be more appropriate for women's interests, such as maternal and child health. Using the autobiographical accounts of Margaret Morse Nice, Dorothy Reed Mendenhall, and S. Josephine Baker, this talk will explore the lives of three pioneering women scientists.

Symposia

Symposium I: Them's the Brakes: The Past and Future of North American Bamboo (Thursday morning session)

Description: Cane (*Arundinaria*), the only bamboo genus native to the U.S., presently exists in small, remnant stands throughout most of the southeast. Large stands, called canebrakes, initially covering millions of acres, were vital to wildlife and played a pivotal role in the hydrology and landscape ecology of the area, and the cultural history of several native American tribes (e.g., Cherokee and Choctaw). Today, canebrakes are regarded as one of the U.S.'s most critically endangered natural plant communities, covering <2% of their former extent, with expansive canebrakes non-existent. Listed as "Critically Rare" by USGS and as "Globally Rare" by TNC, the loss of canebrakes has directly impacted many riparian ecosystems resulting in the loss of wildlife habitat, soil erosion, poor water quality, and flood control. Historical accounts suggest the loss of these vulnerable habitats has resulted in the extirpation (and perhaps the extinction) of many species, including >3 species of birds and >20 species of lepidoptera. Unless the steps are made to conserve or restore large contiguous stands, this list of vulnerable species is expected to grow (e.g., Bachman's warbler, *Vermivora bachmanii*; swamp rabbit, *Sylvilagus aquaticus*).

Although interest in canebrake restoration and conservation for wildlife has been expressed by a number of conservation committees and authors, the amount of information about the biology and genetics of canebrakes and resources (e.g., plant materials) necessary to support large restoration activities is scant. This is a direct result of the unusual life cycle of bamboo. River cane is monocarpic, flowering once every 25-30 years (hence, a seed source is not available to generate propagules) and subsequently they die. While small restoration trials and propagation studies have provided a wealth of information, further studies are needed if large restoration activities are to be conducted. This symposium will: 1) bring together scientists studying everything from taxonomy to

micropropagation, 2) give state-of-the-art knowledge on restoration and propagation techniques, and 3) develop future research needs for *Arundinaria* species.

Speakers and Titles:

Introduction by S. B. Franklin – University of Memphis

C. Brantley – US Army Corps of Engineers, New Orleans District. Descriptions of presettlement canebrakes and Native American use

A. Griffith – Distribution and environment of canebrakes

J. Triplett – Iowa State University. Taxonomy of *Arundinaria*

K. Mathews – Western Carolina University. Genetic diversity of *Arundinaria gigantea* stands in western North Carolina and evidence for monoclonal flowering based on AFLPs

P. R. Gagnon – Louisiana State University. Population biology of *Arundinaria*, including response to disturbance

J. E. Schoonover – Southern Illinois University. Ecosystem services of canebrakes

M. Osland – Duke University. Use of giant cane during stream restoration in the Southeastern U.S.

B. Rude – Mississippi State University. Energy allocation in *Arundinaria gigantea*

B. Baldwin and M. Cirtain – University of Georgia and University of Memphis. Propagation and restoration of *Arundinaria*

J. Zaczek – Southern Illinois University. Propagating giant cane with rhizomes: greenhouse and field experiences

Symposium II: Research at Undergraduate Institutions: Pitfalls and Possibilities (Thursday afternoon session)

Description: The National Science Foundation recently published the findings of a multi-year study addressing the role of undergraduate research in STEM education. Not surprisingly, the results indicate that the undergraduate research experience has a positive effect on student pursuit of post-baccalaureate educational opportunities in the sciences. Although there were multiple factors influencing this result, one of the most important was the role of mentoring. When mentors were polled about their attitudes regarding the undergraduate research process, 7 in 10 said they receive “personal satisfaction” from their role as an undergraduate research mentor, while only 4 in 10 said undergraduate research was positively weighted in the promotion and tenure process at their institution. Given the importance of the undergraduate research experience in encouraging students to remain within the sciences, institutions whose mission focuses on undergraduate education are essential to maintaining our nation’s role as a leader in science. Therefore, this symposium will focus on both institutional and pedagogical factors that further or impede success in research at undergraduate

institutions. The target audience for the symposium is departmental administrators, incoming faculty and graduate students nearing the end of their graduate work and weighing the possibility of positions at undergraduate institutions.

Speakers and Titles:

William E. Ensign – Department of Biology and Physics, Kennesaw State University, Kennesaw, GA. Introduction, Risk and reward in undergraduate research in the Southeast: A survey of institutional support at southeastern institutions

Melissa Pilgrim – Natural Sciences and Engineering, University of South Carolina Upstate, Spartanburg, SC. Choosing research at an undergraduate institution: bridging the gap between research and teaching universities

Charles Gowan – Biology Department, Randolph-Macon College, Richmond, VA. Incorporating problem-based learning into traditional courses as a way to mentor students in research

Michael Dorcas – Biology Department, Davidson College, Davidson, NC. Herpetology at Davidson: development of an effective, multi-disciplinary undergraduate-based research program

Dennis C. Haney – Biology Department, Furman University, Greenville, South Carolina. How interdisciplinary collaboration enhances research productivity at an undergraduate institution

Tom McElroy and Paula Jackson – Department of Biology and Physics, Kennesaw State University, Kennesaw, GA. Research for the masses: conducting undergraduate research when N exceeds 1000

Terry Farrell – Biology Department, Stetson University, Deland, FL. Undergraduate research and the promotion and tenure process

Darwin Jorgensen – Biology Department, Roanoke College, Salem, VA. Mentoring junior faculty in the research process at undergraduate institutions

Talks will be followed by a panel discussion/question and answer period.

Symposium III: The Southeast Regional Knowledge Partnership: From Regional Relevance to Global Significance (Friday afternoon session)

Description: Ecological relationships are frequently ignored in project planning and implementation because planners and other stakeholders lack the time and resources to rapidly assimilate, interpret, and apply currently available ecological data and knowledge. One of the current challenges to the Ecological Society of America (ESA) is to develop effective "knowledge partnerships" with decision makers in government and business. Through these partnerships we can share the basic principles of ecology and clarify how they can help shape solutions to some of society's most vexing problems and promote sustainability. The vast majority of decisions that affect the environment are made in the private sector and on the local governmental level. Whether the decision maker is a factory

supervisor or a county elected official, it is critical that they know how to seek, obtain, and use the best available ecological knowledge. Effectively addressing complex environmental problems requires access to accurate and up-to-date ecological information.

The ESA recognizes its Southeastern Chapter (SE-ESA) as the oldest regional chapter and the one with the largest membership. Accordingly, it has targeted SE-ESA, and its affiliation with the Association of Southeastern Biologists (ASB), as a logical, effective place to start in establishing dialogue toward implementing the Southeast Regional Knowledge Partnership, which will seek to bring scientists, policy makers, and business and community leaders together to address the particular environmental issues confronting the states of Alabama, Louisiana, Mississippi, Florida, Georgia, North and South Carolina, Tennessee, Virginia, and West Virginia.

Ecologists who want to affect decision making about the environment must understand the needs of decision makers and how to make ecological knowledge available in a form that is both accessible and useful. One way of accomplishing this is to enhance collaboration among community leaders, government officials, business leaders and environmental scientists. These four sectors are the target audience for the Southeast Regional Knowledge Partnership, the primary purpose of which is to create a series of forums and networks in which ecological information is made available and usable by individuals in local communities, government, business, and industry.

The purpose of this SE-ESA Chapter-sponsored symposium is to initiate dialogue among Chapter members and other interested attendees at the 2008 meeting of the ASB. This will be accomplished by first providing overviews of environmental issues of particular relevance to the southeast region and then following these presentations with an open dialogue between and among presenters and attendees.

Speakers and Titles:

Introduction: Frank Gilliam – Marshall University.

Alan Covich – University of Georgia. Connecting Stakeholders Views on Ecosystem Services in the Southeast

Jerry Melillo – Ecosystems Center, Marine Biological Laboratory. The Value of Regional Communication with Stakeholders

Rebecca Sharitz – Savanna River Ecology Laboratory. The Future of Freshwater Wetlands in the Southeastern United States

Norm Christensen – Duke University. The Future of Southeastern Forests

David Wear – USDA Forest Service. Economic and Ecological Implications of Land Use Changes

Dialogue between presenters and attendees.

Commercial Workshops

Commercial workshops will also be available for all registered attendees! These workshops presented by exhibitors will allow you to learn about the latest tips from the experts. The fee for each workshop will be \$10 each, and you may register to attend one or more workshops during the Annual ASB Meeting. To register, and to read about the workshop descriptions, go to www.asb.appstate.edu and click on Attendee Registration & Information. Space is limited and you must pre-register for the commercial workshops, so don't delay! All workshops will be held at the Marriott Spartanburg at Renaissance Park.

Silent Auction

Once again, ASB will have a Silent Auction in the Exhibit Hall. 100% of all proceeds will benefit student travel to the Annual Meeting. Last year's Silent Auction was a big success. Let's plan on another successful event to assist students with their travel expenses to the meeting in Spartanburg.

Social Events

Wednesday night mixer: Immediately following the Plenary Session there will be a mixer with hors d'oeuvres and cash bar. Both the plenary address and the mixer will be held in the historic buildings of the Wofford University campus, just a short walk from the Marriott convention hotel. This mixer is the traditional place to catch up with old friends and make new ones. Be sure to sign up for this FREE event on the registration form.

Thursday night social: Let the Good Times Roll!

ASB has a reputation for hosting an exciting and fun-filled Thursday Night Social. This year's plans include all the excitement and fun, and a few new twists. A multimedia musical extravaganza will be provided by E&M Entertainment. E&M excites every crowd with the most popular American hits and all genres of music, plus giant screen music videos, dance lights, and a great sound system.

Don't miss the casino games! Yes, we'll have activities for those who want to sit back and enjoy the music from a gaming table. Weather permitting, outdoor activities and swimming will be available as well. There will also be quiet corners for those whose main priority is to hang out with old friends.

Your one-price ticket provides unlimited of trips to a giant buffet of mouthwatering South Carolina favorites. Quench your thirst with featured beers and ales from RJ Rocker's, a great Spartanburg microbrewery. A selection of superb wines is also included, to ensure a most enjoyable and exciting evening.

Please note: ASB will provide transportation to/from hotels for this event only!

Friday night Awards Banquet: Cap off the meeting by dining with your friends and colleagues at the Awards Banquet, where we celebrate special scientific accomplishments. Students will enjoy a heavily subsidized price of \$15 per person (well below actual cost). Delicious beef, chicken, and vegetarian options are available. Following dinner, award presentations will be made. Long speeches are no longer a part of this banquet. (A reminder: those competing for ASB awards must register for and be present at the banquet in order to receive the award.)

Buffet Lunches at the Marriott

Most eateries are about a 10-minute walk from the Marriott. Why not maximize your time and eat lunch at the Marriott? Eat in the dining room, Club 299, or enjoy the outdoors on the covered patio! Purchase an advance ticket and use it Wed, Thurs or Fri (one ticket is redeemable for one day only).

The daily buffet includes an assortment of salads, vegetables, a variety of desserts, and includes beverage. \$14.00 per person includes tax and tip. The buffet will be served in Dupree's Restaurant at the Marriott.

Wed Selections

Fried Chicken

Pork Loin

Thurs Selections

Country Fried Steak

Baked Chicken

Fri Selections

Roasted Pork Shanks

Lasagna

Activities for Guests

Guests who are not participating in the conference will find many interesting places to visit in the Greenville-Spartanburg area. In Spartanburg, the brand-new Chapman Cultural Center, including the Spartanburg County Museum of Art, is immediately next door to the convention hotel. The Hatcher Garden and Woodland Preserve is a horticultural oasis near the center of the city. Historic homes include the Seay House and the Thomas Price House. Also close to Spartanburg you can relive a pivotal battle of the American Revolution at Cowpens National Battlefield, which can easily be combined with a trip to one of the state's largest outlet malls.

Greenville also has many attractions, including the spectacular Liberty Bridge over the Reedy River Falls, as well as the Greenville Zoo. Stroll through downtown Greenville, which recently won the American Main Street Award from the National Trust for Historic Preservation, and enjoy a wide range of shops and restaurants. Car enthusiasts love the exhibition and tour at the BMW Zentrum, BMW's first plant outside Germany, located between Greenville and Spartanburg (near GSP airport). Golfers will find a huge range of public and semi-private courses throughout the upstate area.

Conference Badges

You will receive your meeting badges when you arrive in Spartanburg. Simply proceed to the Registration Area in the Marriott to receive your badge. Family

members of conference participants should ask for guest conference badges at the registration desk. **YOU MUST WEAR YOUR BADGE TO ALL FUNCTIONS, INCLUDING SOCIAL EVENTS!**

Sponsorships/Industry Partners

A wide selection of special sponsorships will be available to our Industry Partners. Please view the sponsorships on our web site: www.asb.appstate.edu. For additional information you may call or e-mail our Meeting Coordinator, Scott Jewell, office: 336/421-0034, cell 336/213-7373, A2ZConvention@yahoo.com.

Advertising

The ASB is now offering advertising space in one or more of our quarterly publications, Southeastern Biology. Advertisers may also purchase space in our final on-site program, The ASB Schedule-At-A-Glance. Please view pricing structure, specifications and deadline scheduling on our web site: www.asb.appstate.edu. For additional information you may call or e-mail our Meeting Coordinator, Scott Jewell, office: 336/421-0034, cell 336/213-7373, A2ZConvention@yahoo.com.

Registration Information

We encourage everyone to register early and save money. ASB offers 3 options for registration: 1) On-line @ www.asb.appstate.edu, 2) US Mail sent to Leads, Etc and 3) Fax directly to Leads, Etc. Details of the options follow the registration forms below.



The Spartanburg Marriott Hotel and Conference Center is the site of the 2008 annual meeting. A Marriott sales representative was present at the 2007 annual meeting in Columbia to supply information.

The Association of Southeastern Biologists

April 16-19, 2008

Spartanburg, South Carolina

For Assistance with Registration, please contact Leads, Etc
Phone: 877/898-1155
Fax: 508/668-2669

Attendee Registration (Pre-Registration Deadline is 3/15/08)

Note: To register for the meeting as an ASB member, your membership dues must be up to date. If you need to join or renew, you must mail your check to the ASB treasurer at least three weeks before you register online. For membership questions, please contact the ASB treasurer, Tim Atkinson, (Tim.Atkinson@carolina.com; phone 336/538-6224.)

*Last Name _____ *First Name _____
 *Institution/Organization _____
 *Address _____

 *City _____ *State _____ *Postal code _____
 *Phone _____ *Fax _____ Country _____
 **E-Mail Address _____

*Indicates a required field. **You must provide an e-mail address to receive an immediate confirmation of your registration.

- ☐ Faculty
☐ Graduate
☐ Undergraduate
☐ Other _____

Affiliations: _____ ASB _____ ESA _____ BBB _____ SABS _____ SWS _____ BSA
 (Check all that apply) _____ SHC _____ SSP _____ SEMS _____ SE ASIH _____ NABT

	Pre-Registration	Standard	On Site
ASB Regular Member	\$140.00	\$185.00	\$195.00
ASB Student Member	\$70.00	\$95.00	\$105.00
ASB Non-Member	\$175.00	\$220.00	\$230.00
ASB Non-Member Student	\$ 85.00	\$120.00	\$130.00

(Pre-Registration Deadline is 3/15/08)

Registration Category: _____ = \$ _____

Social Events (Please check all events you plan to attend)

Wednesday Evening Mixer (cash bar) after the plenary address
at Wofford College _____ tickets x \$00.00 = \$ _____

Regular Thursday night Social _____ tickets x \$35.00 = \$ _____
“Let the Good Times Roll.....”

Student Thursday night Social _____ tickets x \$30.00 = \$ _____
“Let the Good Times Roll.....”

Regular Friday evening ***ASB Awards Banquet** _____ tickets x \$35.00 = \$ _____
Please indicate: ____Beef ____Chicken ____Vegetarian

Student Friday evening ***ASB Awards Banquet** _____ tickets x \$15.00 = \$ _____
Please indicate: ____Beef ____Chicken ____Vegetarian

***Note:** You must purchase a ticket and attend the banquet to be eligible for an ASB Award

Thursday Past President’s Breakfast _____ tickets x \$20.00 = \$ _____
SWS Thursday Luncheon _____ tickets x \$22.00 = \$ _____
ESA/SE Friday Chapter Luncheon _____ tickets x \$22.00 = \$ _____
SABS/BSA Friday Breakfast _____ tickets x \$20.00 = \$ _____
SSP Friday Breakfast/Business Meeting _____ tickets x \$20.00 = \$ _____
Marriott Lunch Ticket (1 ticket/lunch) _____ tickets x \$14.00 = \$ _____

Additional Events (Please check all events you plan to attend)

Education Committee - Thursday Lunch Workshop “Careers In Biology”
(Limited to 50 participants – 12:00-1:30 Thursday) _____ tickets x \$00.00 = \$ _____

Women in Science Luncheon Sponsored by Converse College. Speaker: Dr.
Melissa Walker: “Research is a Passion with Me - 3 Pioneer Women Scientists”
(Limited to 50 participants – 12:15-1:45 Friday)
_____ Faculty tickets x \$12.00 = \$ _____
_____ Student tickets x \$12.00 = \$ _____

SHC and SERNEC Saturday Workshop for Curators
(Limited to 70 participants) _____ tickets x \$00.00 = \$ _____

Field Trips (Please check all events you plan to attend)

Botanical Diversity _____ tickets x \$10.00 = \$ _____
Wildflowers _____ tickets x \$10.00 = \$ _____
Herpetological _____ tickets x \$10.00 = \$ _____
Birding _____ tickets x \$10.00 = \$ _____
Aquatic Invertebrates _____ tickets x \$10.00 = \$ _____
Ichthyology _____ tickets x \$10.00 = \$ _____
βββ Field Trip to _____ tickets x \$10.00 = \$ _____
Lake Conestee Nature Park

Commercial Workshops

Commercial workshops will also be available for all registered attendees! These workshops presented by exhibitors will allow you to learn about the latest tips from the experts. The fee for each workshop will be \$10 each, and you may register to attend one or more workshops during the Annual ASB Meeting. To register and to read the workshop descriptions, go to www.asb.appstate.edu and click on Attendee Registration & Information. Space is limited and you must pre-register for the commercial workshops, so don't delay! All workshops will be held at the Spartanburg Marriott at Renaissance Park.

Registration & Payment Information: (3 Options)
For Assistance with Registration:
Please contact Leads, Etc 877/898-1155

Option A: Register Online with Credit Card

Register on-line at www.asb.appstate.edu for secure online credit card payment. You must provide an e-mail address to receive an immediate confirmation of your registration.

Option B: Fax Your Form with Credit Card

Fax your completed registration form along with your credit card information to the ASB Conference Registration Manager at Leads, Etc: Fax # 508/668-2669. You must provide an e-mail address to receive an immediate confirmation of your registration.

Option C: Mail Your Form with a Check

Mail your completed registration form and your check to ASB, c/o Leads, Etc, Inc., Building Box 79, 1600 Providence Highway, Walpole, MA 02081. Please make your check payable to: The Association of Southeastern Biologists. You must provide an e-mail address to receive an immediate confirmation of your registration.

☐ Visa ☐ MasterCard ☐ Discover

CC# _____ Exp ____/____

3 digit security code on back of card ____

Name As It Appears On Card _____

Credit Card Billing Address

*Last Name _____ *First Name _____

*Institution/Organization _____

*Address _____

*Line 2 _____

*City _____ *State _____ *Postal Code _____

*Phone _____

Cancellation policy: A full refund will be issued (less a \$25 handling fee) if ASB is notified in writing at the above address on or before Feb 28th, 2008. After Feb 28th, 2008, no refund will be granted. Requests must be postmarked by Feb 28th, 2008 to receive a refund.

Office Use Only

Paid with check # _____ on Date _____ Rec'd by: _____

Paid with credit card # _____ on Date: _____ Rec'd by _____



The Spartanburg Marriott at Renaissance Park.

2008 ASB Group Discount Hotels

ASB has secured the following hotels at a discounted rate for exhibitors and attendees. Please use the following hotels when making reservations for the conference, as these hotels are providing additional services to accommodate ASB. Remember to ask for the special **ASB discounted rate when making reservations**, and **please make your reservations as soon as possible**. The Spartanburg Marriott at Renaissance Park is our Headquarters Hotel and has been secured for Exhibitors and Regular Members. Directions to each hotel can be found by visiting their websites (provided below). **THE LAST DAY TO RESERVE A ROOM AT THE DISCOUNTED RATE IS 3/14/08.**

<u>Hotel</u>	<u>Rates & Rating</u>	<u>Notes of Interest</u>
<u>Headquarters Hotel</u>		
Marriott @ Renaissance Park 299 North Church St Spartanburg, SC 29306 http://www.marriott.com/spamc 864/596-1211; 800/327-6465	S/D/T/Q*: \$95.00 3.5 Star	All functions/sessions (except Wednesday night Plenary talk & reception) will be held at this location. Full service, sports bar on premises, workout center, outdoor pool.
The Courtyard 110 Mobile Drive Spartanburg, SC 29303 www.marriott.com/spach 864/585-2400	S/D/T/Q*: \$90.00 3 Star	3 Miles to Spartanburg Marriott at Renaissance Park.
Hampton Inn & Suites I-26 @ Westgate Mall 801 Spartan Blvd Spartanburg, SC 29301 http://hamptoninnspartanburg.com 864/699-2222	S/D/T/Q*: \$95.00 Suites: \$105.00	Daily Breakfast Included. 4 Miles to Spartanburg Marriott at Renaissance Park.
Holiday Inn-Express I-26 @ Westgate Mall 895 Spartan Blvd Spartanburg, SC 29301 http://www.ichotelsgroup.com 864/699-7777; 888/400-9714	S/D/T/Q*: \$90.00	4 Miles to Spartanburg Marriott at Renaissance Park.

* Single, Double, Triple, Quad.

**LOCAL COMMITTEE ASSIGNMENTS
FOR THE 69TH ANNUAL MEETING
FURMAN UNIVERSITY, GREENVILLE, SC
AND
WOFFORD COLLEGE, SPARTANBURG, SC**

<i>Local Arrangements Co-Chairs:</i>	Joe Pollard	(864) 294-3244
	joe.pollard@furman.edu	
	Doug Rayner	(864) 597-4624
	raynerda@wofford.edu	
<i>Program Committee:</i>	Dennis Haney	(864) 294-2050
	dennis.haney@furman.edu	
	G.R. Davis	(864) 597-4621
	davisgr@wofford.edu	
<i>Field Trips:</i>	Greg Lewis	(864) 294-3249
	greg.lewis@furman.edu	
	Doug Rayner	(864) 597-4624
	raynerda@wofford.edu	
<i>Social Events:</i>	Victoria Turgeon	(864) 294-3791
	victoria.turgeon@furman.edu	
<i>Volunteer Coordinators:</i>	Min-Ken Liao	(864) 294-3246
	min-ken.liao@furman.edu	
	Lisa Thomas	(864) 597-4620
	thomaslp@wofford.edu	
<i>Tri-Beta Coordinators:</i>	Eli Hestermann	(864) 294-3527
	eli.hestermann@furman.edu	
	Stacey Hettes	(864) 597-4659
	hettessr@wofford.edu	
<i>Audiovisual Coordinator:</i>	Nicholas Schisler	(864) 294-3243
	nicholas.schisler@furman.edu	
<i>Silent Auction:</i>	Edna Steele	(864) 596-9120
	edna.steele@converse.edu	
<i>Meeting Coordinator:</i>	Scott Jewell	(336) 421-0034
	a2zconvention@yahoo.com	

*The Meeting Coordinator handles Commercial Exhibits & Workshops,
Registration, Hotel Accommodations, and Transportation.*

**AFFILIATE SOCIETIES MEETING WITH ASB
APRIL 16-19, 2008**

The following affiliate societies will be in attendance at the 2008 Annual Meeting. We anticipate an excellent diversity of paper and poster presentations. The societies and their contacts are listed below.

**American Society of Ichthyologists
and Herpetologists
Southeastern Division**

Dr. Fred Zaidan
Department of Biology, SCNE 2312
1201 W. University Drive
University of Texas Pan American
Edinburg, TX 78539-2999
Office: (956) 292-7481
e-mail: fzaidan@utpa.edu

**Beta Beta Beta
Southeastern District I**

Dr. Virginia Martin
Queens College of Charlotte
1900 Selwyn Avenue
Charlotte, NC 28274
(704) 337-2261
e-mail: martin@rex.queens.edu

**Beta Beta Beta
Southeastern District II**

Dr. Donald H. Roush
Dept. of Biology, Box 5181
University of North Alabama
Florence, AL 35632-0001
(256) 765-4435
e-mail: droush@unanova.una.edu

**Botanical Society of America
Southeastern Section**

Dr. Lytton John Musselman
Mary Payne Hogan Professor of
Botany and Chair
Department of Biological Sciences
110 Mills Godwin Building/45th St
Old Dominion University
Norfolk, VA 23529-0266
(757) 683 3595; Fax: (757) 683 5283
e-mail: lmusselm@odu.edu
<http://web.odu.edu/lmusselman>

**Ecological Society of America
Southeastern Chapter**

Dr. Frank S. Gilliam
Department of Biological Sciences
Marshall University
Huntington, WV 25755-2510
(304) 696-3636; FAX: (304) 696-3243
E-mail: gilliam@marshall.edu

Society of Herbarium Curators

Dr. Zack Murrell
Department of Biology
Appalachian State University
Boone, NC 28608, (828) 262-2674
e-mail: murrellze@appstate.edu

**Society of Wetland Scientists
South Atlantic Chapter**

Dr. Kimberli J. Ponzio
St. Johns River Water Mgt. District
P.O. Box 1429, Palatka, FL 32178
(386) 329-4331
e-mail: kponzio@sjrwmd.com

**Southeastern Society of
Parasitologists**

Dr. Charles Faulkner
Dept. of Comparative Medicine
College of Veterinary Medicine
University of Tennessee
2407 River Dr, Knoxville, TN 37996
(865) 974-5718; Fax: (865) 974-6232
e-mail: ctfaulkner@utk.edu

**Southern Appalachian Botanical
Society**

Dr. Howard Neufeld
Department of Biology
Appalachian State University
Boone, NC 28608
(828) 262-2683; Fax: 828-262-2127
e-mail: neufeld@appstate.edu

SPECIAL REMINDERS FROM THE PRINT EDITOR

ASB BANQUET ATTENDANCE

Please keep in mind that recipients of ASB awards must be present at the annual ASB banquet to receive the award. Therefore, all applicants for ASB awards must attend the banquet to insure the presence of the winners.

MEMBERSHIP UPDATE

Please make sure your membership status is up-to-date amply before the deadline for abstract submission and for annual meeting registration. Please be aware that mailing a check or money order for membership renewal to the treasurer and then trying to register online or by mail for the annual meeting on the same day does not work. Moreover, trying to pay for membership renewal online in tandem with registering for the annual meeting online does not work well either.

EXTRA ABSTRACT SUBMISSION

Besides sending abstracts of papers and posters to the Program Committee by January 3, 2008, anyone wishing to be considered for an award must send an abstract to the respective award committee chairperson in order to be considered. Checking the box on the registration form for the award is not enough. An abstract must be sent to the chairperson by January 25, 2008. Also, please note that abstracts of papers and posters will be available on the ASB website shortly before the annual meeting.

INSTRUCTIONS FOR SUBMITTING ORAL PRESENTATIONS

All oral presentations will be done using Microsoft PowerPoint only. Presenters should bring a backup copy on a CD or USB memory drive. **Complete and final presentations must be submitted on CD to the audiovisual coordinator to be received by April 4.** The first author's name and truncated title should be written on the upper surface of the CD using an indelible marker.

Submit the CD to be received by April 4, 2008 to: **Dr. Nicholas Schisler, Department of Biology, Furman University, 3300 Poinsett Hwy, Greenville, SC 29613.** *CS*

Constitution and Bylaws Amendments

Present Constitution — One-year Presidency

Article III – Officers

Section 1. The Officers of the Association shall be the President, Vice President, President-Elect, Past President, Secretary, and Treasurer.

Section 2. The term of office is 3 years for the Secretary and Treasurer and 1 year for the other offices.

Amended Constitution — Two-year Presidency

Article III – Officers

Section 1. The Officers of the Association shall be the President, Vice President, President-Elect, Past President, Secretary, and Treasurer.

Section 2. The term of office is 3 years for the Secretary and Treasurer, **2 years for the President**, and 1 year for the other offices.

Present Bylaws — One-year Presidency

Article II - Election of Officers

Section 5. A President-Elect shall be elected annually and shall become President at the close of the next Annual Meeting.

Article III - Duties of Officers

Section 2. The President-Elect shall organize the program for the plenary session of the Annual Meeting and shall be responsible for promoting membership in the Association. In the event that the President-Elect cannot complete her/his term of office, the person who received the next highest number of votes shall become President-Elect. If this person is unable to serve, the Executive Committee shall nominate two candidates for the office, one of whom would be elected by the membership by mail ballots.

Section 4. The Vice President shall be the public relations officer of the Association. In the absence of the President from any meeting, the Vice President shall discharge the duties of the office, and in the event that the President cannot complete her/his term of office, the Vice President shall become President of the Association.

Amended Bylaws — Two-year Presidency

Article II - Election of Officers

Section 5. A President-Elect shall be elected **every other year** and shall become President at the close of the next Annual Meeting.

Article III - Duties of Officers

Section 2. The President-Elect shall organize the program for the plenary session of the Annual Meeting **on alternate years** and shall be responsible for promoting membership in the Association. In the event that the President-Elect cannot complete her/his term of office, the person who received the next highest number of votes shall become President-Elect. If this person is unable to serve, the Executive Committee shall nominate two candidates for the office, one of whom would be elected by the membership by mail ballots.

Section 4. The Vice President shall be the public relations officer of the Association. **He/she shall organize the program for the plenary session of the Annual Meeting on alternate years when the office of President-Elect is not occupied.** In the absence of the President from any meeting, the Vice President shall discharge the duties of the office, and in the event that the President cannot complete her/his term of office, the Vice President shall become President of the Association.

These amendments will be voted on at the Annual Business Meeting on Friday, April 18, 2008.

63



CHERRYDALE. Former home of James C. Furman who was the first President of Furman University, Greenville, South Carolina. Visitors welcome.



**69th Annual ASB Meeting Invitation
to Exhibit and Present Workshops,
Industry Partners & Advertising:
Spartanburg, South Carolina
April 16-19, 2008**

This four-day event brings together approximately 800 biologists from across the southeastern United States. The meeting features a distinguished plenary speaker, special symposia, field trips, oral and poster presentations, workshops, networking and social events, and more.

The Annual Meeting provides you with the exclusive opportunity to showcase your products and/or services to this large and important audience of faculty, students, researchers, conservation workers, military and government personnel, and business professionals with a common interest in biological issues. Interests are diverse, but range from genetics and molecular biology, to physiology and population biology, to community and ecosystem ecology.

About ASB

The Association of Southeastern Biologists (ASB) was established in 1937 by biologists concerned with the quality of biological research in the southeastern United States. Today, ASB is the largest regional biology association in the country, and is committed to the advancement of biology as a science by the promotion of science education, research, and the application of scientific knowledge to human problems.

2008 Exhibitor Benefits

ASB is committed to maximizing your exposure and has scheduled a number of special events in the Exhibitor Showcase. The ASB Annual Conference allows for exposure to over 800 attendees dedicated to the advancement of biology.

~Poster Sessions

Research posters will be displayed in the Exhibit Hall throughout the conference. ASB poster sessions are heavily attended. Exhibitors receive added exposure from this well attended event throughout the conference.

~Exhibitor Showcase Welcome Reception

Immediately following the opening plenary speaker, a welcome reception will be held in the Exhibit Hall. Exclusive time for Exhibitors and attendees.

~Posters & Pastries

Attendees will view posters while enjoying AM & PM coffee breaks in the Exhibit Hall on Fri & Sat. Refreshment area is located in the back of the Exhibit Hall for maximum traffic flow.

~Commercial Workshops

Exhibitors may target attendees who participate in a 50-minute commercial workshop presented by the exhibitor at no additional charge.

~Signage

Special Exhibit Hall signage recognizing exhibitor participation.

~Networking at Social Events

Wed Night Welcome Reception, Thurs Night Social, Fri Night Banquet. Take advantage of getting to know attendees during these informal marketing events.

~Year-Round Advertising & Marketing Opportunities

ASB provides a hot link to your company for each qualifying Exhibitor. The link will remain on the ASB web site throughout the year for your convenience.



Explanation of Exhibiting at the Annual Association of Southeastern Biologists Spartanburg, South Carolina

3 Options

Option A:

Regular Exhibitor (Located In the Exhibit Hall)

Exhibitor Package: Each \$1,000 booth consists of (1) 10' x 10' booth, 8' back drape, 3' side drapes, (1) 8' X 24" white covered table with teal skirting, 2 folding chairs and 1 wastebasket, security services, hot link from ASB Web Site, 2 tickets to Thurs Night Social-"A Night of Beach", AM & PM breaks, Exhibitor Pizza Party during installation, exhibit hall signage, booth identification sign, recognition announcements and one 50-minute commercial workshop with full payment of booth, 2 complimentary badges for employees only (additional badges are \$130/person), 25 word description will appear in the final show program.

*Option B:*Table Top Exhibit (Located Outside the Exhibit Hall in the Pre-Function Area)

Each \$300 table top booth consists of one 6' X 24" white covered draped table, 1 folding chair, 1 ticket to Thurs Night Social-"A Night of Beach", AM & PM breaks, Exhibitor Pizza Party during installation, exhibit hall signage, 1 complimentary badges for employee only (additional badges are \$130/person), 25 word description will appear in the final show program. Backdrops are not allowed in this area.

*Option C:*Publishers Book Exhibit (\$150 per title)

Attention Publishers & Authors!!! Can't make it to the meeting this year? No problem..... Each title is displayed in the Exhibit Hall in the ASB Publishers Book Exhibit Booth. Provide one copy of your publication and up to 500 copies of your accompanying literature. ASB will provide one 8" X 10" table top sign to announce your publication and display all 3 throughout the entire convention. (Your publication will not be returned)

Exhibit Hall HoursWednesday, April 16

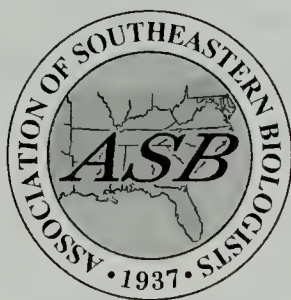
9am – 4pm: *Exhibitor Move-In*
12noon – 2pm: *Exhibitor Pizza Party*
7:30pm – 9 pm: *ASB Welcome Reception, Exhibits Open*

Thursday, April 17

8am – 4:30pm: *Exhibits Open*

Friday, April 18

10am – 1pm: *Exhibits Open*
1pm – 4pm: *Exhibitor Move-Out*



Exhibitor Registration Form

2008 Association of Southeastern Biologists
April 16-19, 2008, Spartanburg, South Carolina
Spartanburg Marriott at Renaissance Park

Exhibitor Package: Each \$1,000 booth consists of (1) 10' x 10' booth, 8' teal back drape, 3' side drapes, (1) 8' X 24" white covered table with teal skirting, 2 folding chairs and 1 wastebasket, security services, hot link from ASB Web Site, 2 Tickets to Thurs Night Social--"A Night of Beach", AM & PM breaks, Exhibitor Pizza Party during installation, exhibit hall signage, booth identification sign, recognition announcements and one 50-minute commercial workshop with full payment of booth, 2 complimentary badges for employees only (additional badges are \$130/person), 25 word description will appear in the final show program. (The exhibit hall is **NOT** carpeted.)

Company/Organization _____

(Please list company name as you wish it to appear on printed materials)

Representative: _____ Email _____

Address: _____

Contact Address: _____

Telephone: _____ Fax: _____

Web Site:(Hot Link from ASB Web Site) _____

25-Word Description: _____

(Description will be appear in Final Show Program of *Southeastern Biology*)

Qty	Item	Amount
_____	Patron Member Booth	included
_____	1 st Booth	\$1,000
_____	Each Additional Booth	\$500
_____	Pre-Function Area Table Top Display	\$300
_____	(No backdrop Allowed)	
_____	Publishers Book Exhibit	\$150/title

_____	Electrical Service Per Booth	\$70
_____	Yes I wish to present a workshop	included
_____	Additional Badges (2 included w/booth)	\$130/ea
_____	Banquet Tickets (Fri PM)	\$35/person
_____	Internet Access	\$300/day
_____	Phone Line	\$100/day
_____	(Please see Show Forms for additional Table Rental)	
Total Amount Enclosed		\$ _____

Requested Booth Number (see Floor plan): 1st choice_____ 2nd choice_____ 3rd choice_____

Hold Harmless Clause: The Exhibitor assumes all responsibility and liability for losses, damages and claims arising out of injury to the exhibitor's display, equipment and other property brought upon the premises of the convention facilities and shall indemnify and hold harmless the association agents, servants and employees as well as the ASB organization from any losses, damages and claims.

Upon acceptance by ASB, this signed application and Exhibitor Contract form becomes the contract for booth rental for the 2008 ASB Annual Convention. Exhibitor's will be notified of their acceptance by letter no later than 31 Jan. 08. Refund Policy: 50% on or before 31 Jan. 08, 0% on or after 1 Feb. 08.

Signature	Date

Title	e-mail

Return Form with Check or Credit Card Information by January 31, 2008 to: Scott Jewell, ASB Meeting Planner, PO Box 1088, Mebane, NC 27302; 336/213-7373 cell, 336/421-0034 office, 336/421-3425 fax. A2Zconvention@yahoo.com.

Early Bird Discount: \$100 off the \$1000 booth, if payment and application received prior to January 31, 2008.
CB



Exhibitor Commercial Workshop Form

2008 Association of Southeastern Biologists
April 16-19, 2007, Spartanburg, South Carolina
Spartanburg Marriott at Renaissance Park

Workshop Description: All Commercial Workshops will be conducted during the meeting on a first-come first-served basis. Classroom style seating will be provided at no additional charge to the presenter. Each classroom will be set for a minimum of 50 participants. A screen will be provided for each room. LCD projectors and laptops will **not** be provided. One workshop per application please.

Company/Organization _____
(Please list company name as you wish it to appear on printed materials)

Presenter _____ Email _____

Address: _____

Contact Address: _____

Telephone: _____ Fax: _____

Workshop Title: _____

50-Word Workshop Description: _____

(Description will be appear in Final Show Program of *Southeastern Biology*)

Please indicate which time slot you prefer below:

Pre-Conference Workshop On Wed 4pm-5:30pm _____

Thurs 8:30am-10am____ Thurs 10:30am-12noon____ Thurs 1:30pm-3pm____ Thurs
3:30pm-5pm____ Fri 8:30am-10am____

Qty	Item	Amount
_____	Workshop Fee (Included With Booth Payment)	n/a
_____	Workshop Fee (Without Exhibiting)	\$300
	Total Workshop Amount	\$ _____

Hold Harmless Clause

The workshop presenter assumes all responsibility and liability for losses, damages and claims arising out of injury to the presenter's display, equipment and other property brought upon the premises of the convention facilities and shall indemnify and hold harmless the association agents, servants and employees as well as the ASB organization from any losses, damages and claims.

Upon acceptance by ASB, this signed application and Workshop Contract form becomes the contract for booth rental for the 2008 ASB Annual Convention. Workshop presenter will be notified of their acceptance by letter no later than 31 Jan. 08. Refund Policy: 50% on or before 31 Jan. 08, 0% on or after 1 Feb. 08.

Signature

Date

Title

e-mail

Return Form with Check or Credit Card Information by **January 31, 2008** to: Scott Jewell, ASB Meeting Planner, PO Box 1088, Mebane, NC 27302; 336/213-7373 cell, 336/421-0034 office, 336/421-3425 fax. A2Zconvention@yahoo.com.

CS

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Reach Your Target Audience and Promote your Products and
Services Throughout the Year!!

Advertise in Southeastern Biology!!

Advertise in Southeastern Biology and reach over 1,500 members from 40 states and 13 countries. ASB publishes four issues of Southeastern Biology per year and an on-site Program for the Annual Meeting. Choose either or both of these opportunities to increase your marketing exposure. Promote your products and services throughout the year!

Ad Sizes

¼ Page Ad	1½" x 1"
½ Page Ad	3" x 2"
Full Page Ad	7½" x 4 ¾"



ADVERTISING ORDER FORM

_____ Ad in all 4 issues of Southeastern Biology (circle choice)

1/4 page = \$200, 1/2 page = \$325, full page = \$425

_____ Ad in Final On Site Program (circle choice)

1/4 page = \$175, 1/2 page = \$225, full page = \$275

*All ads are black and white and must be submitted in pdf.

Signature

Date

Title

phone

e-mail

____ Visa

____ MasterCard

____ Discover

CC# _____ Exp ____/____ 3 digit code on back of credit card ____/____/____

Name As It Appears On Card _____

Credit Card Billing Address

*Last Name _____ *First Name _____

*Company/Organization _____

*Address _____

*Line 2 _____

*City _____ *State _____ *Postal Code _____


*Phone _____

Office Use Only

Paid with check # _____ on Date _____ Rec'd by: _____

Paid with credit card # _____ on Date: _____ Rec'd by _____

Confirmation Sent on Date: _____ via _____

Return form with check or credit card information to: Scott Jewell, ASB Meeting Coordinator, PO Box 1088, Mebane, NC 27302; A2Zconvention@yahoo.com, 336/213-7373 cell, 336/421-0034 office, 336/421-3425 fax. 

Industry Partners Form

2008 Association of Southeastern Biologists
April 16-19, 2008 Spartanburg, SC

 Yes I Would Like To Partner With ASB And Participate
In the Industry Partners Program!!


Send no money now, please complete form and return to address shown below

Company/Organization _____
(Please list company name as you wish it to appear on printed materials)
Representative: _____ Email _____
Address: _____
City, State, Zip: _____
Telephone: _____ Fax: _____

*Special Recognition at the Thursday Night Social, Friday Night Awards Banquet, signage at the Convention Center and a listing in Final Program of Southeastern Biology!

Qty	Item	Amount
_____	Wed Night Cash Bar (4 Opportunities)	\$500/opportunity
_____	Coffee Breaks (8 Opportunities)	\$500/opportunity
_____	Cyber Café & Marketing Survey	\$750/opportunity
_____	Thurs Night Social (4 Opportunities)	\$900/opportunity
_____	Fri Night Banquet Cash Bar	\$850
_____	Yes I wish to present a workshop	See Workshop Form
_____	24 Hour Exhibit Hall Security	\$1,000
_____	ASB Executive Committee Breakfast	\$350
_____	Yes I would like to Donate an Item to the Silent Auction to help with Student Travel	See Silent Auction Form
_____	ASB Web Site Hot Link to Your Company (12 months)	\$375
_____	Yes I would like an AD in all 4 2008 issues of Southeastern Biology, (circle choice) ¼ page=\$200, ½ page=\$325, full page=\$425	See Advertising Form
_____	AD in Final On Site Program (circle choice) ¼ page=\$175, ½ page=\$225, full page=\$275	See Advertising Form

Signature _____	Date _____
Title _____	e-mail _____

Return Form with Check or Credit Card Information by **January 31, 2008** to: Scott Jewell, ASB Meeting Coordinator, PO Box 1088, Mebane, NC 27302; A2Zconvention@yahoo.com, 336/213-7373 cell, 336/421-0034 office, 336/421-3425 fax. 

Silent Auction

_____ Yes I would like to contribute to the Silent Auction to help with student travel to the Annual Meeting.
(100% of all proceeds to benefit student travel awards)

Partial List of Items Donated at the 2007 Annual Meeting in Columbia

- Dissection Set
- Corporate Gift Certificates
- Heart Model
- Dinner for Two
- Two Nights Hotel Accommodations
- Books
- Charts
- Gift Basket
- Educational Charts
- Microscope
- iPod

Description of Item(s) to be donated

Please check appropriate option:

_____ Please contact me at the conference to pick-up donation
_____ I will mail the donation to Scott Jewell, ASB Meeting Coordinator before March 15, 2008.

Signature	Date	phone
Title		e-mail



Exhibit Hall Badge Form

2008 Association of Southeastern Biologists
April 16-19, 2008, Spartanburg, South Carolina
Spartanburg Marriott Renaissance Park

**FAX This Completed Form Before 3/01/08 To Scott Jewell,
ASB Meeting Planner**

FAX # 336/421-3425

Company/Organization_____

<u>Name</u>	<u>City</u>	<u>State</u>
-------------	-------------	--------------

1.

2.

Additional Badges \$130/ea

<u>Name</u>	<u>City</u>	<u>State</u>
-------------	-------------	--------------

1.

2.

3.

4.

Note: Each Company receives two complimentary exhibit hall passes per 10' X 10' or tabletop booth payment. Badges are to be used for company employees only. Partnering companies must pay \$130 to register for the ASB Conference.

BADGES MUST BE WORN TO BE ADMITTED INTO ALL FUNCTIONS!!!



Re-Cap & Payment Information

Description	Amount
Exhibiting Full Booth	\$ _____
Exhibiting Table Top	\$ _____
Publishers Book Exhibit	\$ _____
Advertising	\$ _____
Industry Partners	\$ _____
Total	\$ _____

Mail or Fax Your Forms

Fax or mail your completed registration form along with your credit card information or check to: Scott Jewell, ASB Meeting Planner, PO Box 1088, Mebane, NC 27302; A2Zconvention@yahoo.com, 336/213-7373 cell, 336/421-0034 office, 336/421-3425 fax.

___ Visa ___ MasterCard ___ Discover

CC# _____ Exp ____/____/____ 3 digit code on back of credit card ____/____/____

Name As It Appears On Card _____

Credit Card Billing Address

*Last Name _____ *First Name _____

*Company/Organization _____

*Address _____

*Line 2 _____

*City _____ *State _____ *Postal Code _____

*Phone _____

Office Use Only

Paid with check # _____ on Date _____ Rec'd by: _____

Paid with credit card # _____ on Date: _____ Rec'd by _____

Confirmation Sent on Date: _____ via _____

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**Association of Southeastern Biologists
Executive Committee Meeting
Wednesday, 18 April 2007
Richland Room A, Convention Center
Columbia, South Carolina**

Attendance: 17 individuals attended the meeting.

Name	Capacity	e-mail address
Kim Marie Tolson	President	tolson@ulm.edu
Michael Dennis	President-Elect	mike@bda-inc.com
Bonnie Kelley	Vice President	bonnie.kelley@uncp.edu
Patricia Cox	Interim Secretary	pbcox@tva.gov
Tim Atkinson	Treasurer	tim.atkinson@carolina.com
Don Roush	EC member-at-large and BBB	dhroush@una.edu
Elaine Davis	EC member-at-large	edavis@bowiestate.edu
Jennifer Davis	EC member-at-large	jdavis@shorter.edu
Scott Franklin	EC member-at-large	sfrankli@memphis.edu
Dennis Haney	EC member-at-large	dennis.haney@furman.edu
Wayne Van Devender	EC member-at-large	vandevenderr@appstate.edu
John Herr	Archivist	herr@biol.sc.edu
James Caponetti	Print editor	jcaponet@utk.edu
Virginia Martin	BBB	martinvl@bellsouth.net
Doug Rayner	LAC 2008	raynerda@wofford.edu
Joe Pollard	LAC 2008	joe.pollard@furman.edu
Rebecca Bray	Chair, Graduate Student support	rbray@odu.edu

President Kim Marie Tolson called the meeting to order at 3:15 pm. All committee and officer reports were electronically submitted to the secretary and are available on the side bench.

Due to the concern of a lack of quorum present, a motion was made to suspend the rules of order. The motion was seconded and approved by all.

1. Approval of the minutes from the Saturday, April 1, 2006, EC meeting in Gatlinburg, Tennessee. Corrections were made to the number of attendees at the Thursday night social. No other corrections were noted.

Motion 1. It was moved that the April 1, 2006, minutes be approved.

Motion to approve and seconded.

Motion 1 passed.

2. Approval of the minutes from the fall EC meeting September 9, 2006 in Greenville, SC. No corrections were noted.

Motion 2. It was moved that the Sept. 9, 2006, minutes be approved.

Motion to approve and seconded.

Motion 2 passed.

3. Kim suggested that we recognize the VA Tech deaths with a minute of silence during the Plenary session and the Business meeting. Everyone agreed.

4. Officer Reports

President: Kim Marie Tolson

Kim presided over the whole meeting and appointed committee members. She also formed two ad hoc committees: Publications and Enrichment fund. She also renewed our affiliation with AAAS, appointed a new web editor and charged him with finding a web designer. Kim also accepted the secretary's resignation and appointed an interim secretary until one can be elected. She conducted ASB business via e-mail and with the help of the archivist provided a protocol for voting via e-mail. Information was forwarded onto the President-Elect.

Past President: Dwayne Wise

Dwayne sent hard copies of invitations to Past Presidents for the Past President's breakfast and all members of the resolutions committee and no resolutions were received.

President Elect: Mike Dennis

Mike secured plenary speaker, Dr. Peter Pritchard.

Vice President: Bonnie Kelley

Bonnie planned a breakfast for the patrons, invited the president, president-elect, and will provide information about future directions for ASB. In addition made arrangements for the Outstanding Biology Teacher Award (OBT).

Secretary: Debbie Moore had no report.

Treasurer: Tim Atkinson

- Enrichment Fund is \$42, 810. A disbursement of \$2,175 was made to cover short fall of regular budget. The ending balance is \$41,288. Funds will be replaced when money becomes available.
- Treasurer's Report: Fiscal 2006. All meeting money now passes through the checkbook instead of with the LAC. Based on the information in the report and the time the report was made, there was \$41,288 which corresponds to the Enrichment fund which basically was all the money we had in the checkbook at that time. Currently there is \$73,319.67 in the checkbook and this does not include the enrichment fund monies. Most of this money is from registration through March 28.
- Proposed 2008 Budget. Assume a balanced budget with the bulk of funds centered around the annual meeting. Projected numbers are based on the 2006 and 2007 meetings.

Tim answered several questions concerning the cost of SEB and charges from Allen Press as well as questions concerning the cost of the interim meeting. Scott Jewell is trying to procure free space for that meeting.

Membership Officer: Debbie Atkinson

- Deceased members: Ronald Cowder, Clay Sellers, Fred Norris and Madeline Burbank
- Emeritus requests: Richard Henson, R. Dale Thomas, James Jackson, George Salyer, Virginia Martin, and Thomas Fox. The secretary will present names to the membership at the business meeting.

Motion 3: A motion was made to approve and to extend emeritus status to the above individuals.

Motion to approve and was seconded.

Motion 3 passed.

- Comparison of membership numbers from last year shows our numbers are growing.

Archivist Report: John Herr

John suggested that the program-at-a-glance be corrected and archived. There will be a way that all affiliate societies can also archive their information.

Print Editor Report: Jim Caponetti

- Abstracts of presented papers will now be published in the July Issue; this should solve the problem of NO shows.
- The issues of SEB will be published in January, April, July and October .
- Move the deadline for abstracts up to January instead of November. The membership thinks this is a positive change.
- There was a request from the *Southeastern Naturalist* for a card to be inserted into the SEB. Jim will check on specifics such as cost and get back to Mike.

Web Editor: Dwayne Wise

- Adam Jones was hired in June 2006 as the web designer. The contract covers 15 July 2006-15 July 2007. The website has been completely updated and revised.
- 13,112 hits on the web page.

News Editor: Ricky Fiorillo, no report.

5. Committee Reports

LAC 2007: John Herr.

- Currently 850 have registered and there are no particular problems. Kim praised John for his role as Local Arrangements Chair.

LAC 2008: Joe Pollard and Doug Rayner

- Meeting will be held at the downtown Spartanburg, SC Marriott. Reasonable room rates are available at the hotel, and possible social venue would be at the Cultural Center.

Graduate Student Travel Awards: Rebecca Bray

- 28 applicants—12 more than last year. This year we had \$5,000, down from \$7,000. The reduced budget was due to the lack of responses in previous years. A request was made to increase the funding for the awards.
- Awardees will pick up checks from Tim Atkinson at the ASB table.

Since no other committee chair requested to present a report at today's meeting, the President instructed the secretary that all committee reports submitted electronically will stand as submitted.

Place of Meeting Committee

Proposals from Birmingham, Mobile, and Huntsville, Alabama. Birmingham and Mobile were very expensive and Huntsville very reasonable. Scott has made visits to all three sites. Since Don is rotating in as chair of the committee, he will get information to Mike. The ASB 2009 meeting will be co-hosted by University of Birmingham and Jacksonville State University.

Poster Award Committee: Irene Kokkala

Out of 46 students, only 18 had e-mailed her that they were going to compete for the award. She went ahead and included all 46 students since this was the first year that they were supposed to contact the chair of the committee.

Nominating Committee: Claudia Jolls, Diane Nelson, Mike Dennis

In the future, presidents should consider putting the president-elect on the committee since they will be working with the nominees. There are two nominees for each office. The program-at-a-glance will have biographies of all candidates including secretary that was not published in SEB.

Floor tellers for the election during the business meeting will be Bonnie, Elaine, and Jennifer.

6. Awards

All awards are covered and Kim asked committee chairs to let Dwayne know in advance the recipients of the awards so that photos can be taken in advance so that during the banquet, photos of award winners will be shown as a slide show during the presentations.

Special Award—John Herr Life Time Achievement award: A plaque will be given to John. It states: Professor John Herr, from the grateful membership of ASB for a lifetime of dedication and contributions to its programs and vision.

7. Reports from Representatives and affiliates

BBB: 33-34 posters this year

Membership: Scott Franklin volunteered to be a representative to ESA to assist Frank Gilliam with expert's opinions database.

8. Ad Hoc Committee on Publishing: Elaine, Scott J., Jim--Cost effective means for printing.

Scott asked each printer to give quotes. There was discussion about the various printers and cost was not significantly different from Allen Press. There was also discussion as to why we should continue with the study if there is not a significant difference from Allen Press.

Motion 4: A motion was made to stay with Allen Press.
Motion made and seconded.

Additional discussion ensued about cost, quality of publishing and other issues. Question was called.

Motion 4 passed.

Kim thanked Elaine, Scott, Bonnie and Jim for their work on this issue.

9. Affiliation with SE Fishes Council:

Kim has tried to contact them, but has gotten no response so will move to old business. Dennis will talk with Noel Burkhead to see if they still want to be an ASB Affiliate.

10. Compleat Naturalist: Hal and Laura Mahan.

Tim spoke with them and they are still interested in establishing and supporting an award. Pat will follow up with Hal and Laura.

11. Ad Hoc Committee--Enrichment Fund: Members Dwayne, Bonnie and Mike.

Currently the ER has no purpose and no plan on how to grow and how to use the fund. The purpose of the committee was to provide a purpose and to organize a MAJOR fundraiser.

1. Purpose: To present two, \$2,000 awards/year

2. Fundraising campaign and present the first awards in 2009.

3. Goals: \$100,000 by end of 2008
\$200,000 by end of 2010

Contributors would be recognized in SE Biology. The chair of the Enrichment Committee will provide advertisement for the award and fundraising effort. Dwayne will relay the information at the Past President's breakfast and the past-presidents will be asked to spearhead the effort. Bonnie will provide information for a 1-page ad in the October issue of SEB.

Questions/comments:

- There were concerns about the proposals for the awards coming from different categories competing against each other. Eventually we should separate into specific categories or we will be comparing apples to oranges.
- It was agreed that the language of the proposal needs to be "cleaned up."
- Tim commented that these are not intended to be categories, but based on those eligible to compete for the award.
- Mike said they will make the announcement at the Wednesday business meeting.
- Doug suggested we ask for money at the business meeting.
- Guidelines for award proposals should be standardized. This will make future EC's lives easier.
- Scott proposes we adopt a format for the proposals and send out to the EC electronically.
- The EC then reads and makes comments or edits and sends back to the Nominee.

The ad-hoc committee will remain functional.

12. Guidelines for Symposia and Workshops: Scott Franklin

Scott submitted these guidelines very much like ESA's guidelines. This will make future EC's lives easier.

- Once standards are set up, then throw back to the LAC to implement.
- If money is requested then Proposals should be submitted to the EC for approval.
- Kim asks that we not make edits now, but to read and revisit at the Saturday meeting as part of Old Business.
- Kim thanked Scott for all his work.

13. Committee Electronic Portfolios: Dennis Haney

Everyone needs to update the committee portfolios since only about 1/3 to 1/2 are up-to-date. Once all are completed, he will pass on to the Secretary. At the end of each year, the chair should update the information.

14. Clarification of the description of the Microbiology award.

Wording would change to clarify that the award would be limited to Prokaryotic Biology.

15. New Business: Bonnie Kelley

Outstanding Biology Teacher (OBT). Allene Barans is present and she and her husband Charles, a wildlife biologist, are present at the meeting. Bonnie suggests we increase the amount of the award which is currently \$500.00 or "comp" registration. All agreed that registration for Allene and her husband should be "comped." Scott Jewell said that he could provide 2 tickets for both evening functions.

Motion 5: Bonnie made a motion for ASB to "comp" meeting registration for the OBT and guest and also provide 2 tickets for the Thursday night social and Friday night banquet and 1 year membership to ASB.

Motion made and seconded.

Discussion: These would not include a bylaw change. The "comps" come from the ASB budget and award from the Enrichment fund.

Motion 5 passed.

Motion 6: Mike made a motion that the OBT award increase from \$500 to \$1000.

Motion made and seconded.

Motion 6 passed.

Mike made a plea for names of members that could serve on committees. Scott J. will make a sign asking for volunteers and place at the ASB table.

The increase for the OBT would come into affect next year.

Motion 7: Motion made to adjourn the meeting.

After a second, the motion passed and the meeting adjourned at 6:00 pm.

Respectfully submitted,
Patricia B. Cox, Ph.D. (Interim Secretary)
19 September 2007

**ASSOCIATION OF SOUTHEASTERN BIOLOGISTS
EXECUTIVE COMMITTEE MEETING
SATURDAY, 21 APRIL 2007
THE INN AT USC
COLUMBIA, SOUTH CAROLINA**

ATTENDANCE: 16 individuals attended the meeting

NAME	CAPACITY
W. Michael Dennis	President
Kim Marie Tolson	Past President
Thomas Wentworth	President-Elect
Patricia Cox	Vice President
Nicole Turrill Welch	Secretary
Tim Atkinson	Treasurer
Jennifer Davis	Member-at-Large
Dennis Haney	Member-at-Large
Douglas Rayner	Member-at-Large
Donald Roush	Member-at-Large
Robert Wayne Van Devender	Member-at-Large
John Herr	Archivist
James Caponetti	Print Editor
Virginia Martin	Beta Beta Beta
Scott Jewell	Meeting Coordinator
Joe Pollard	LAC 2008

President Michael Dennis called the meeting to order at 7:50 a.m.

President's Opening Remarks – Michael Dennis welcomed the Executive Committee and asked members to introduce themselves. He then proposed three themes for his presidency: (1) the importance of achieving financial stability, (2) the need for an active enrichment fund campaign and smart use of funds, and (3) the value of biology teaching at universities.

Past-President's Report – Kim Marie Tolson passed the President's portfolio to Michael Dennis.

Treasurer's Report – Tim Atkinson announced that he is exploring more profitable ways to handle the Association's accounts. Furthermore, he is considering establishing a credit line to prevent pulling principle from the enrichment fund when monies beyond the balance of the checking account are needed. Lastly, Tim reported that our Association's dues and meeting registration fees must be in line with the costs of *Southeastern Biology* and other business. He suggested a \$5.00 increase in registration fees, or an amount appropriate for the location of the meeting. Discussion of student registration fees followed.

No other Officer's Reports were given.

Committee Reports

Awards

Microbiology/Thomson Brooks Cole Award - Don Roush suggested changing the name of this award since Thomson Brooks Cole publishes only one microbiology book. He proposed rotating the topic of award (genetics, physiology, etc.), based on what book they are promoting at the Annual Meeting. The Committee decided that rotating the topic of the award was not a good idea because students need to know the topic well in advance. The original intent of this award was to increase the presence of prokaryotic microbiology at the ASB Annual Meeting. Jim Caponetti stressed that a decision and title needs to come soon for publication in SEB. Michael Dennis asked that the name of the award be decided upon within a month. Executive Committee review of the name was deemed unnecessary. Further discussion of this topic will be Old Business at the Fall Executive Council Meeting.

Enrichment Fund

Michael Dennis gave the report since Bonnie Kelley was not present. He discussed separating the accounts, increasing the interest rate and creating a reserve so that the principle does not have to be touched when monies are withdrawn. Approximately \$3000 was contributed to the Enrichment Fund at the 2007 Annual Meeting.

Local Arrangements

Regarding the 2008 Annual Meeting, Joe Pollard reported that Scott Jewell would discuss the arrangements with the Spartansburg Marriott Convention Center.

Regarding the 2009 Annual Meeting, Scott Jewell stated that three locations, Birmingham, Mobile and Huntsville, Alabama, have been considered. At this time, Mobile has been omitted and Birmingham is considered more expensive, and restricted, than Huntsville. The Executive Committee addressed several points concerning Birmingham including the cost of parking and how everything could be housed in one hotel, as well as the \$2 million liability insurance, minimum attendance, buffet minimums, and food and beverage revenue minimums requirements. Scott explained that Huntsville has been very accommodating. The Huntsville Holiday Inn and Embassy Suites combined with Convention Center would accommodate the meeting. These properties are separate, but have good accessibility. The Holiday Inn and Embassy Suites also have offered to accommodate 2007 Fall Executive Committee Meeting.

Members of the 2009 Local Arrangements Committee from Jackson State and University of Alabama would prefer the meeting be in Birmingham. Joe Pollard reported some uneasy feelings among the Committee members regarding the site selection process. The Executive Committee used to accept the Local Arrangements Committee's selection, traditionally based on willingness of institutions to host the meeting, but now the Executive Committee is voting on the venue of the annual meetings based on geography and projected attendance. This issue will be discussed further at the Fall Interim Meeting.

Don Roush moved that the meeting go into Executive Session. The motion was seconded. A few minutes later, it was moved and seconded to come out of Executive Session.

Concerning the 2007 Annual Meeting, John Herr and Scott Jewel reported that 813 individuals attended the meeting and they will give a full report at the Fall Executive Committee Meeting.

Human Diversity

This report will be sent to the Secretary (not received as of September 3, 2007).

Student Research Award

Dennis Haney reported that he would send an updated award description and form to the new chair of this committee, who then will pass it on for publication in *Southeastern Biology* and on the web page. The new chair also will add it to the portfolio that will be passed to the new committee and filed with the Secretary and Archivist.

Tom Wentworth stressed that new additions recorded in any committee portfolios need to be added to and/or updated in the handbook. Dennis Haney has asked outgoing committee chairs to send him updated portfolios within a week of the 2007 meeting.

Publications

Jim Caponetti stated that he would check on publication costs with Allen Press.

Archiving

John Herr encouraged that all Annual Meeting paper and poster cancellations be archived for a "what was planned" versus a "what really happened" comparison. Discussion followed on the need for online publication of the abstracts.

Affiliate Report

Beta Beta Beta

Beta Beta Beta appreciated the booth in the Exhibits Area and had a very successful 2007 meeting.

OLD BUSINESS

Dennis Haney moved that Scott Franklin's suggested changes to the symposia proposal submission process and write up be accepted. Don Roush seconded the motion. Discussion ensued on timing, requirement of the new form, etc. A complete description of the proposal submission process and the new form need to be sent to Jim Caponetti and Dwayne Wise for publication in *Southeastern Biology* and on the web site, respectively.

NEW BUSINESS

Ideas from the Past Presidents Breakfast – Attendees of the Past President's Breakfast proposed having an annual, invited paper published in *Southeastern Biology*. They suggested that the first invited paper appear in 2009, the 250th year of Darwin's Origin of the Species. Executive Committee members were asked to bring suggestions of topics and writers to the Fall Executive Committee meeting. Discussion followed on who, the Executive Committee or another committee, will select the topic and author.

Reformatting of the ASB Banquet – There was no Past President's address at the 2007 Annual Meeting Banquet. Executive Committee members were asked to reflect upon this and bring comments to the Fall Executive Committee meeting.

***Southeastern Biology* Deadline Dates** – Jim Caponetti reported the following submission deadlines for information published in *Southeastern Biology*:

<u>Issue</u>	<u>Deadline</u>
January	October 28th
April	Jan 13th
July	May 14th
October	August 6th

Joe Pollard volunteered to track the number of no-show papers at meetings.

The date and location of the 2007 Fall Executive Committee Meeting will be announced as soon as possible.

There being no further business, the meeting adjourned at 9:30am.

Respectfully submitted,
Nicole Turrill Welch, Secretary
22 September 2007

NEWS OF BIOLOGY IN THE SOUTHEAST

Ricky Fiorillo—*News Editor*
Department of Biology
University of Louisiana at Monroe
Monroe, LA 71209
318-342-1797
fiorillo@ulm.edu

ABOUT PEOPLE AND PLACES

DISTRICT OF COLUMBIA

Rock Creek Park (RCP) was the site of a 24-hour tree canopy BioBlitz held May 18th and 19th, 2007. The National Geographic Society (NGS) and the National Park Service (NPS) jointly sponsored this first BioBlitz in a series of ten at NPs located in urban areas. The primary goal is to increase public awareness of biodiversity in urban settings. All members of the tree canopy biodiversity team are associated with the University of Central Missouri including ASB member Harold W. Keller, and Joseph Ely (faculty research team leaders), photographer Robert Breshears, former UCM student Kenneth Snell, current students Courtney Kilgore, Sydney Everhart, and Angela Scarborough. The research was financially supported by the National Science Foundation, Division of Environmental Biology, Biodiversity Surveys and Inventories, and the National Geographic Committee for Research and Exploration. For further information, E-mail ASB member Harold W. Keller keller@ucmo.edu.

MISSOURI

University of Central Missouri. ASB members Joseph S. Ely, Harold W. Keller, and new ASB member Christopher D. Crabtree are working on research projects in two of Missouri's state parks. M.S. student Christopher D. Crabtree, along with research mentors J. S. Ely, H. W. Keller, and Ken McCarty, is currently studying the composition of macrofungi, myxomycetes, and vascular flora of various natural communities of central Missouri at Ha Ha Tonka State Park. Joseph S. Ely is working in Knob Noster State Park in the west-central part of the state analyzing the floral composition of various forest and woodland communities. The projects are financially supported with grants from the Missouri Department of Natural Resources, Division of State Parks.

NORTH CAROLINA

George Institute of Biodiversity and Sustainability (GIBS). Prof. Robert "Bob" George, ASB member and former chair of ASB conservation committee, and Dr. S. D. Cairns (Smithsonian Institution) are the editors of "Conservation and Adaptive Management of Seamounts and Deep-Sea Coral Ecosystems" published by the Rosenstiel School of Marine and Atmospheric Sciences, University of Miami Press. Drs. George and Cairns also edited "Deep-Sea Coral

Ecosystems: Biology and Geology," a companion volume, published as a special number in the November 2007 issue of the Bulletin of Marine Science.

South Carolina Department of Natural Resources Marine Resources Division. ASB member Scott Meister along with colleagues George Sedberry and Joshua Loafer published the first *in-situ* observation of a Frill Shark, *Chlamydoselachus anguineus* occurring deeper and in cooler waters than in numerous records from the Pacific Ocean. The specimens was videotaped from a manned submersible at a depth of 874 m on a sandy substrate on the Blake Plateau east of the Georgia coast on 26 August 2004. For more information see Journal of the North Carolina Academy of Science, 123(3), 2007, pp. 127–132.

University of North Carolina at Asheville. ASB member Barbara C. Reynolds was awarded a grant from the U.S. Forest Service to study the effects of the insecticide Imidacloprid on the Hemlock Woolly Adelgid, *Adelges tsugae*, and also to investigate its effects on soil fauna. The grant will support two undergraduates, and work will be done at the Coweeta Hydrologic Laboratory in North Carolina.

University of North Carolina at Wilmington. Professor Courtney T. Hackney will be leaving the Biology Department at the University of North Carolina-Wilmington in January 2008 to become the Director of the new Coastal Biology program at the University of North Florida.

TENNESSEE

East Tennessee State University. ETSU and General Shale Brick Natural History Museum & Visitor Center at the Gray Fossil Site opened to the public on August 31, 2007 and is one of only a few fully functional museums located directly "on site." The Gray Fossil Site is late Miocene in age, between 4.5 and 7 million years old. Core samples indicated the deposit is huge—100 to 140 feet deep—and contains fossilized remains of a complete ecosystem of plants and animals. To date, with less than 1 percent of the site excavated, thousands of specimens have been recovered including the world's largest collection of fossil tapirs! Guided tours are available for visitors who wish to visit the dig site and experience wet and dry screening of fossil site sediments, and Group tours are available by advance reservation. For more information, please visit www.grayfossilmuseum.org or call toll free 866-202-6223.

Lee University. ASB member John Hisey and co-PIs Lori West and Michael Freake received a Genomics Education Matching Funds program (GEMF) grant for \$97,000. This provided a LI-COR DNA Analyzer, installation, software, and training for use in undergraduate courses and faculty/student research including Hisey's population genetic structuring work on mammalian mesopredators.

Vanderbilt University. ASB member and Ph.D. candidate Jennifer Ellis has conducted a series of genetic studies of the giant whorled sunflower, *Helianthus verticillatus*, that significantly improve the odds of it being placed on the endangered species list. First discovered in 1892, this species was thought to be extinct until 1994 when it was rediscovered in Georgia. Today, it is known to exist in only four locations in West Tennessee, Alabama and Georgia and has been a

candidate for listing as a federal endangered species since 1999. For more information please visit www.vanderbilt.edu/exploration/stories/whorled.html.

VIRGINIA

Old Dominion University. ASB member Deborah A. Hutchinson received a Love of Learning grant from the Phi Kappa Phi Honor Society to travel to Cornell University and conduct research on toxin sequestration in Asian snakes.

WASHINGTON

Green Institute. ASB and Society for Conservation Biology (SCB) member Tom Baugh has been instrumental, along with many others, in developing an SCB Provisional Working Group on Religion and Conservation Biology. For more information please see www.conbio.org.

ALL TAXA BIODIVERSITY INVENTORY (ATBI) GATLINBURG, TENNESSEE

ATBI is an organization devoted to surveying all life in the Great Smoky Mountains National Park.

More information about the ATBI and Discovery Life in America (DLIA) may be obtained from the Administrative Officer, Jeanie Hilten, by e-mail jeanie@dlia.org. The website is <http://www.discoverlifeinamerica.org> or at <http://www.dlia.org>. The mailing address is Discover Life in America, 1314 Cherokee Orchard Road, Gatlinburg, TN 37738. The telephone number is (865) 430-4752.

SOUTHERN APPALACHIAN FOREST COALITION (SAFC) ASHEVILLE, NORTH CAROLINA

As stated in their newsletter *Across Our Mountains*, SAFC is an organization dedicated to "working together to protect and restore southern Appalachian forests."

More information about SAFC may be obtained from their web site at <http://www.safc.org>, and by e-mail at safc@safc.org. The mailing address is Southern Appalachian Forest Coalition, 46 Haywood Street, Suite 323, Asheville, North Carolina 28801-2838. The telephone number is (828) 252-9223.

AWARDS FROM THE AMERICAN SOCIETY OF ICHTHYOLOGISTS AND HERPETOLOGISTS

2007 AWARDEES

Robert H. Gibbs, Jr. Memorial Award

Presented for excellence in systematic ichthyology. The prize is awarded for "an outstanding body of published work in systematic ichthyology" to a citizen of a Western Hemisphere nation who has not been a recipient of the award. The award is offered annually and consists of a plaque and a cash award (approximately \$5000). The award is presented during the banquet held in conjunction with the annual meeting of ASIH. In July 2007, at the ASIH annual meeting in St. Louis, Missouri, the award for 2007 was presented to **Dr. Gloria Arratia, University of Kansas**. Dr. Arratia is a world-class leader in studies of comparative morphology and evolutionary relationships of actinopterygian fishes. In particular, her research on basal fossil teleosts has been fundamental to our understanding of the origin and early evolution of this largest group of vertebrates.

Henry S. Fitch Award

Presented for excellence in herpetology. The prize is awarded to an individual for long-term excellence in the study of amphibian and/or reptile biology, based principally on the quality of the awardee's research; consideration is also given to educational and service impacts of the individual's career. The award is presented at the banquet held in conjunction with the annual meeting of ASIH and includes a cash prize and certificate. In July, 2007, at the ASIH annual meeting in St. Louis, Missouri, the award for 2007 was presented to **Edmund D. Brodie, Jr.**

Robert K. Johnson Award

Presented for excellence in service. The ASIH created the award to recognize members that perform exceptional service for the ASIH in memory of Bob Johnson whose service was exemplary. Bob served on many ASIH committees, four terms as a member of the Board of Governors, as managing editor of *Copeia*, Secretary, and Chair of the Long Range Planning and Policy Committee. As chair of the Long Range Planning and Policy Committee, he developed a policy and procedures manual for the ASIH that has proved to be an exceptionally useful document. Bob's committee was inspired by his commitment to this task, which codified the activities of ASIH. The award is presented at the banquet held in conjunction with the annual meeting of the ASIH and includes a certificate. In July 2007, at the ASIH annual meeting in St. Louis, Missouri, the fourth Robert K. Johnson award was presented to **Alan H. Savitzky**.

Raney Fund Awards

The Raney Award is presented annually in honor of Edward C. Raney (1909-1984). Raney was a leader among Ichthyologists. He possessed a broad knowledge of the fishes of the world; his particular area of expertise was the fishes of the eastern United States. A member of the faculty at Cornell University, Dr. Raney authored over 75 papers dealing with the systematics, behavior, and ecology of fishes. He was an expert on aquatic environmental problems and served on numerous environmental advisory committees. He was a member of over 30 professional societies, and he served as secretary (1948-1951) and president (1955-1956) of ASIH. The students of Ed Raney are among the leaders in ichthyology today in no small part because of his mentorship and enthusiasm in the study of fishes. Awards of \$1000 were made to each of the following five young ichthyologists in 2007.

Yvette R. Alva
Mollie F. Cashner

Jayne M. Gardiner
Donovan German

Stuart Willis

Gaige Fund Awards

Gaige Awards are presented annually in honor of Frederick (Dick) and Helen Gaige, both of whom lived during the years 1890-1976. Dick Gaige, an entomologist, was also an avid herpetological collector and was director of the Museum of Zoology at the University of Michigan from 1928-1945. Helen Gaige was a herpetologist with an interest in Neotropical frogs. She served as herpetological editor of *Copeia* from 1930-1937 and as editor in chief from 1937-1950. This unsurpassed editorial service earned Helen the title of Honorary ASIH President for Herpetology in 1946. The Gaiges showed a lively interest in colleagues and students and, through their helpfulness to others, were a major influence in biology in the United States and on herpetology in particular.

Awards of \$500 were made to each of the following 10 young herpetologists in 2007.

Karen M. Benyo
Bhart-Anjan S. Bhullar
Brittney Calsbeek
Krista P. Coquia

Heather Cunningham
Emily A. Gardner
Rachel M. Goodman
Casey A. Gilman

Matthew L. Niemiller
John Perterson

Stoye Awards

Awards for best oral presentations were made to each of the following five students in 2007. Each winner received a cash award of \$250.00, a certificate, and all available back issues of *Copeia*. They are listed by name and category.

Michael Tobler – General Ichthyology
Jeanne Robertson – General Herpetology
John Peterson – Genetics, Development, and Morphology
Jayne M. Gardiner – Ecology and Ethology
Angela M. Picco – Conservation

Storer Awards

Awards for best poster presentations were made to each of the following two students in 2007. Each winner received a cash award of \$250.00, a certificate, and all available back issues of *Copeia*. They are listed by name and category.

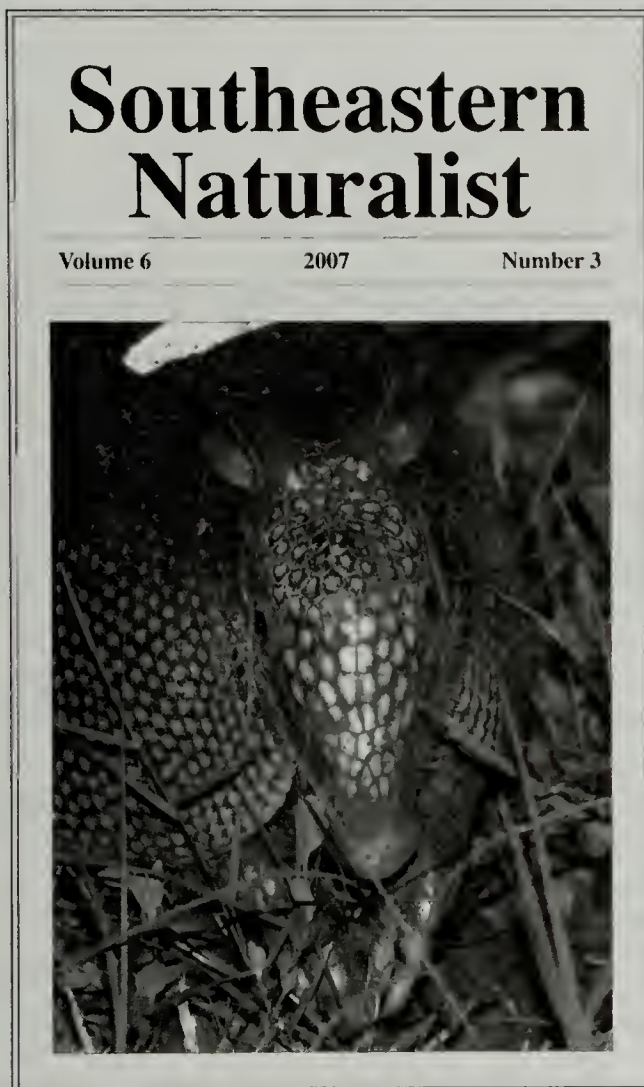
Christa M. Woodley – Ichthyology

Karen Kiemnec – Herpetology



The Daniel Building on the campus of Wofford College,
Spartanburg, South Carolina.

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Publication Date: September 30, 2007



Printed on Recycled Paper

AVAILABLE POSITIONS IN THE SOUTHEAST

Position: Biologist

Institution: Troy University

Location: Alabama

Description:

Position: Assoc.-Full Professor, Biological & Environmental Sciences.

Troy University's Department of Biological and Environmental Sciences is seeking a biologist/environmentalist at the associate-full professor level. Screening of applicants begins immediately and continues until the position is filled. Applicants for this tenure-track position must hold a Ph.D. in the biological or environmental sciences. The primary responsibilities of the position consist of teaching and coordinating general studies lectures and labs (Principles of Biology) and also teaching upper level courses. The successful applicant should also develop courses in his/her area of specialization, maintain an active research program, and direct thesis projects in the Department's M.S. program. Troy University is a growing university with an established Master's Program in Environmental and Biological Sciences. The Department has 375 majors and 35 graduate students. Applicants with prior coordinating experience and an established research history will be given preference. Send CV, statement of teaching philosophy, research interests, names, addresses, phone numbers, e-mail addresses of five references to Human Resources, Troy University, Troy, AL 36082. Troy is an AA/EEO employer and encourages applications from individuals with disabilities, females, African Americans and other minorities. Visit our Web site at www.troy.edu/humanresources.

Position: Plant Molecular Biology

Institution: Univ. Arkansas Little Rock

Location: Arkansas

Description:

Position: Assistant/Associate Professor in Plant Molecular Biology: The Applied Science Department at the University of Arkansas at Little Rock is an interdisciplinary graduate department in engineering and sciences (<http://technologize.ualr.edu/appliedscience/>). The department is soliciting applications for a tenure-track Assistant Professor (job #385) in the area of plant molecular biology. Appointment at the Associate Professor level is possible for candidates who have an externally supported research program and a substantial publication record. Candidates working in all areas of plant molecular biology will be considered. Applications are especially encouraged from candidates who generate and integrate complex data from biochemical, proteomic, and genomic studies. The successful candidate must establish a vigorous independent research program supported by external funding. We are particularly interested in candidates who will participate in collaborative interdisciplinary research, such as energy and environmental biosciences, bioengineering, or biomaterials. Candidates must have a Ph.D. in biology, biochemistry, molecular biology, or a closely related discipline. To apply, applicants should send an application letter (job #385), a curriculum vitae, a statement of research interests and teaching philosophy, and names and contact information of three references to: Faculty Search Committee-PMB, Department

of Applied Science, University of Arkansas at Little Rock, Arkansas 72204-1099; phone: 501-569-8000; e-mail: dgwhite@ualr.edu). Review of applications will begin November 2, 2007 and continue until the position is filled. The University of Arkansas at Little Rock is an equal opportunity, affirmative action employer and actively seeks the candidacy of minorities, women and persons with disabilities. Under Arkansas law, applications are subject to disclosure. Persons hired must have proof of legal authority to work in the United States.

Contact Information: E-mail: dgwhite@ualr.edu. Phone: 501-569-8000
Faculty Search Committee-PMB, Applied Science.

Position: Ecology

Institution: Auburn University

Location: Alabama

Description:

Assistant/Associate Professor - Urban Ecologist / Associate Director of Center for Forest Sustainability.

The School of Forestry and Wildlife Sciences at Auburn University, Auburn, Alabama is seeking applications for a tenure track, assistant / associate professor with expertise related to urban ecology. This is a 12 month position with duties assigned as follows: 50% research, 25% teaching, and 25% administration. Additional information about the School of Forestry and Wildlife Sciences and its programs can be found at our website: <http://www.sfws.auburn.edu>.

Qualifications: A Ph.D. degree in the ecological / environmental sciences, excellent interpersonal communication skills, and experience with presentations and publication in referred journals are required. Expertise related to forest fragmentation, water quality and hydrology is preferred. Evidence of success with extramural funding is highly desirable. The candidate selected for this position must be able to meet eligibility requirements for work in the United States by the time appointment is scheduled to begin, and continue working legally for the proposed term of appointment, and be able to communicate effectively in English.

Women and minorities are encouraged to apply.

Responsibilities: The successful applicant will coordinate communication between the Center for Forest Sustainability and public agencies, foundations, private industry, and the general public. Active development of research partnerships and funding opportunities for the Center will be a responsibility. The candidate will be expected to initiate a research program in his / her area of specialty and to demonstrate an appropriate level of scholarly achievement in terms of publication and attraction of funds. In addition, teaching duties will include a course or courses at the undergraduate or graduate level related to the candidate's area of expertise.

Salary: Commensurate with training and experience.

Application: To apply, submit a letter of application, resume, official transcripts (MS and PhD), and the names and contact information for three references (name, address, phone number and email addresses) to Mrs. Pam Beasley, School of Forestry and Wildlife Sciences, 602 Duncan Drive, Auburn University, AL 36849-5418, USA. Review of applications will begin November 1, 2007, and continue until a successful candidate has been recommended for appointment.

For More Information: Contact Dr. Graeme Lockaby, Chair, Search Committee for Urban Ecologist: lockaby@forestry.auburn.edu (334-844-1054).

Affirmative Action, Equal Opportunity Employer.

Contact Information: E-mail: lockaby@forestry.auburn.edu. Phone: 334-844-1054, Fax: 334-844-1004. Mrs. Pam Beasley, Assistant to the Dean, School of Forestry and Wildlife Sciences, Auburn University, 602 Duncan Drive, Suite 3301 C, Auburn, AL 36849-5418, USA.

Position: Chair

Institution: Auburn University

Location: Alabama

Description:

Auburn University, College of Sciences and Mathematics

Chair, Department of Biological Sciences

The Department of Biological Sciences at Auburn University invites applications and nominations for the position of Chair. Biological Sciences is an integrative department, with expertise in a diverse array of biological disciplines, with 40 faculty, 100 graduate students (M.S. and Ph.D.) and 550 undergraduate majors. More information about the department is available at www.auburn.edu/biology. Applicants must have a Ph.D. in Biological Sciences or closely related life sciences discipline, and a record of academic excellence consistent with appointment as Full Professor.

The Chair is expected to possess strong interpersonal skills and function as an administrative scholar, providing visionary, dynamic leadership to carry the department forward in research, teaching, and outreach. The candidate selected for this position must be able to meet eligibility requirements to work in the U.S. at the time the appointment is scheduled to begin and continue working legally for the proposed term of employment and be able to communicate effectively in English.

Applicants should submit a detailed curriculum vitae, transcripts, representative reprints, a statement of administrative philosophy, personal teaching and research goals and the names and contact information of at least three references.

Applications should be sent to Dr. Charles Savrda, Biological Sciences Search Committee Chair, Dept. of Biological Sciences, 101 Life Sciences Building, Auburn University, AL 36849-5407 or electronically as PDFs to bioscichairsearch@auburn.edu.

Review of applications will begin November 1, 2007.

Women and minorities are encouraged to apply. Auburn University is an AA/EO employer.

Contact Information: E-mail: bioscichairsearch@auburn.edu. Dr. Charles Savrda, Biological Sciences Search Committee Chair, Department of Biological Sciences, Auburn University, College of Sciences and Mathematics, 101 Life Sciences Building, Auburn University, AL 36849-5047.

Position: Biomedical Sciences

Institution: Univ. of South Alabama

Location: Alabama

Description:

Biomedical Sciences: Tenure-track position in biomedical sciences. The Department of Biomedical Sciences at the University of South Alabama seeks candidates for a tenure-track faculty position at the Assistant or Associate Professor level. The USA Biomedical Sciences Department offers a B.S. degree and is responsible for the undergraduate education of students interested in pursuing post baccalaureate study in Medicine, Health Professions, or Basic Sciences. Candidates must have a Ph. D., or equivalent, in a biomedical science and two years' postdoctoral experience is preferred. The successful candidate will be expected to teach, develop an active research program and mentor undergraduate research projects. Review of applications will begin on October 15, 2007 and will continue until the position is filled, with an estimated start date of June 1, 2008. Applications should include a cover letter of interest, curriculum vitae, and three letters of reference. The application material should be sent via regular mail or e-mail to: Dr. Michael P. Spector, Professor, Department of Biomedical Sciences, UCOM 6000, University of South Alabama, Mobile, Alabama 36688-0002, phone: 251-380-2710; fax: 251-380-2711; mspector@usouthal.edu; <http://www.southalabama.edu/alliedhealth/biomedical>. The University of South Alabama is an equal opportunity, equal access employer.

Contact Information: E-mail: mspector@usouthal.edu. Phone: 251-380-2710
Fax: 251-380-2711, Dr. Michael Spector, Chair, Search Committee
Dept of Biomedical Sciences, University of South Alabama, 307 University Blvd.
UCOM 6000, Mobile, AL 36688, USA.

Position: Chair

Institution: Florida Institute of Technology

Location: Florida

Description:

Head, Biological Sciences. The Department of Biological Sciences at the Florida Institute of Technology seeks an individual with significant accomplishments in teaching, research productivity, and grants acquisition for the position of Department Head.

Florida Tech is an independent university committed to the pursuit of excellence in teaching and research in the sciences and engineering. Over 3,300 students are enrolled on the Melbourne campus located in a space and high-technology center on Florida's east coast, with year-round, with a semitropical climate.

Biological Sciences is a flagship academic unit in the College of Sciences with strong B.S., M.S., and Ph.D. degree programs in the areas of Marine Biology, Ecology, and Cell/Molecular Biology. There are currently 17 full-time faculty members, 63 graduate students, and 350 undergraduate students. For more information please visit <http://www.fit.edu/biology>.

Successful candidates must have a Ph.D. degree in a biological science, exceptional communication skills, a clear vision for the future of the department, and experience in planning, budgeting, and operational management of research projects. The area of specialization of the candidate is open.

Applicants should send a letter of application, curriculum vitae, statement of educational and administrative philosophy, and names and contact information of four references to bioheadsearch@fit.edu. Alternatively, materials may be sent

to: Dr. Michael Babich Biology, Head Search Committee, Florida Institute of Technology, 150 W. University Blvd., Melbourne, FL 32901.

Review of applications will begin October 15, 2007.

Florida Institute of Technology is an Equal Opportunity, Affirmative Action Employer. Women and minorities are encouraged to apply.

Contact Information: Web Site: <http://www.fit.edu/biology>.

Position: Environmental Biology

Institution: Kennesaw State Univ.

Location: Georgia

Description:

Assistant or Associate Professor of Biology - Environmental Science.

A growing and progressive university in Georgia's public system of higher education invites applications for a nine-month, tenure-track position of Assistant or Associate Professor of Biology in the Department of Biology & Physics, beginning August 2008. Located on an attractive campus in suburban NW metropolitan Atlanta, Kennesaw State University enrolls approximately 20,000 baccalaureate, master's and doctoral students and is engaged in an impressive array of research and professional service initiatives.

The successful candidate will have an earned doctorate in Biology or a closely related field with interest and expertise in the area of "Environmental Science" that involves the incorporation of ecological principles into environmental regulation and decision making. Teaching responsibilities will involve teaching an interdisciplinary science sequence for non-science majors (environmental science theme) as well as courses supporting the Biology and Biotechnology programs (including introductory biology for majors, appropriate upper level courses in the applicant's area of expertise on an "as-needed" basis.

Applications and nominations will be accepted until the position is filled. To guarantee consideration, application materials must be postmarked by 12 October 2007. Review of applications will commence on 12 October 2007 and will continue until the position is filled.

For a full description of this position and application procedures go to: www.kennesaw.edu/facultypositions.

Kennesaw State University, a member of the University System of Georgia, does not discriminate on the basis of race, religion, color, sex, age, handicap, national origin, or sexual orientation, as authorized by law. Georgia is an Open Records State. AA/EOE.

Position: Ecology

Institution: Kennesaw State Univ.

Location: Georgia

Description:

Assistant Professor of Biology, Restoration Ecology.

A growing and progressive university in Georgia's public system of higher education invites applications for a nine-month, tenure-track positions of Assistant Professor of Biology in the Department of Biology & Physics beginning August 2008. Located on an attractive campus in suburban NW metropolitan Atlanta, Kennesaw State University enrolls approximately 20,000 baccalaureate, master's and doctoral students and is engaged in an impressive array of research and professional service initiatives.

The successful candidate will have an earned doctorate in Biology or a related area with interest and expertise in the area of Restoration Ecology, especially dealing with the interface between urban and suburban/rural environments.

Applications and nominations will be accepted until the position is filled. To guarantee consideration, application materials must be postmarked by 12 October 2007. Review of applications will commence on 12 October 2007 and will continue until the position is filled.

For a full description of this position and application procedures go to: www.kennesaw.edu/facultypositions.

Kennesaw State University, a member of the University System of Georgia, does not discriminate on the basis of race, religion, color, sex, age, handicap, national origin, or sexual orientation, as authorized by law. Georgia is an Open Records State. AA/EOE.

Position: Multiple Positions

Institution: Mississippi State University

Location: Mississippi

Description:

FACULTY POSITIONS IN BIOLOGICAL SCIENCES.

The Department of Biological Sciences at Mississippi State University invites applications for three tenure-track Assistant Professor positions to begin January 1, 2008 or August 16, 2008. Screening will begin October 1, 2007 and will continue until the positions are filled. Candidates will be expected to contribute to one of the two following focus areas. Developmental Genomics: Desired research emphasis for this position is in the Functional Genomics of Development to complement a research group in physiology and cell & developmental biology. Microbiology: Desired research emphasis in each of two positions can be in one of the following: Ecoepidemiology/Infectious Disease Ecology, Environmental Microbiology, Host-Pathogen Interactions, or Microbial Ecology and Evolution.

Successful candidates will have the opportunity to interact with a rapidly growing faculty to develop externally funded research programs in any of the above-mentioned areas. They will be expected to direct graduate students and contribute to both the undergraduate (Biological Sciences and/or Microbiology major) and graduate teaching missions of the department. A Ph.D. in a related biological sciences field is required with post-doctoral experience preferred.

To apply, send a CV plus reprints of three representative publications, a concise (one page) statement on current and future research interests, and a concise statement on teaching interests and competence. Arrange for at least 3 letters of reference to be submitted on behalf of the applicant. Send applications (hard copy) to Dr. Nancy Reichert, Head, Department of Biological Sciences P.O. Box GY, Mississippi State University, Mississippi State, MS 39762; or electronically to FacultySearch@biology.msstate.edu.

Mississippi State University is an Affirmative Action/Equal Opportunity Employer.

Position: Chair, Biology

Institution: East Carolina University

Location: North Carolina

Description:

Chair, Biology Department, East Carolina University.

The Department of Biology at East Carolina University seeks an energetic, well-established investigator to lead the department's expanding research and teaching programs beginning on or before August 11, 2008. The Biology Department offers undergraduate degrees in Biology and Biochemistry, masters degrees in Biology and Biotechnology/Molecular Biology, and participates in interdisciplinary doctoral programs in the Biological Sciences and Coastal Resources Management. The 40 member faculty has research strengths in ecology, evolutionary biology, and cell and molecular biology, and collaborates with other Departments in the Harriot College of Arts and Sciences, the Schools of Medicine and Allied Health Sciences, and the College of Technology and Computer Science. The Chair will provide leadership in the context of shared governance for the continued growth of the department's research programs, hiring of new faculty, development of undergraduate and graduate curricula, professional service, and other departmental activities. East Carolina University, the third largest university in the UNC system, is a rapidly growing institution of over 23,000 students committed to excellence in research and teaching.

The successful candidate must have a Ph.D. or equivalent research degree in one of the Biological Sciences, administrative and teaching experience, and a record of distinguished scholarly achievements and funded research appropriate for appointment at the rank of Professor. Applicants must complete a candidate profile and submit statements of research interests and future plans, administrative philosophy, educational philosophy, a curriculum vitae, and contact information for four current references online. Please log on to <http://ecu.peopleadmin.com/hr> for job posting and online application.

Address specific inquiries to Dr. John Sutherland (sutherlandj@ecu.edu); for information about the Biology Department see <http://www.ecu.edu/biology>. Screening of applications will begin on November 1, 2007 and continue until the position is filled. Official transcripts required upon employment. East Carolina University is an Equal Opportunity/Affirmative Action University that accommodates individuals with disabilities. Individuals requesting accommodation under the Americans with Disabilities Act (ADA) should contact the Department for Disability Support Services at (252) 737-1016 (Voice/TTY).

Position: Biology

Institution: Univ. of Mobile

Location: Alabama

Description:

College of Arts and Sciences, Biology Faculty.

The University of Mobile, College of Arts and Sciences, invites applications for a full-time faculty position in Biology to begin Fall semester, 2008. A Ph.D. in Biology is required. The successful applicant will be expected to teach Human Anatomy and Physiology. The University of Mobile is a Christian Liberal Arts institution with an emphasis on teaching. Teaching load is 12 hours per semester. Other responsibilities include advising, university and community service, and professional development activities.

Rank and salary are commensurate with education and experience. Consideration of candidates will begin immediately and continue until the position is filled. Interested candidates should send a letter of application, current vita, and the names of three references to Dr. Dwight Steedley, Dean, College of Arts and Sciences, University of Mobile, 5735 College Parkway, Mobile, AL 36613-2842. Electronic information may be sent to dsteedley@mail.umobile.edu.

The University of Mobile is a church-related liberal arts university accredited by the Southern Association of Colleges and Schools with an enrollment of approximately 1600 students. Candidates will demonstrate a strong commitment to the mission of a Christian university and the integration of faith and discipline. More information may be found on the University website at www.umobile.edu.

The University of Mobile is an equal opportunity employer.

Contact Information: E-mail: dsteedley@mail.umobile.edu, Phone: 251 442-2314. Dr. Dwight Steedley, Dean, College of Arts and Sciences, University of Mobile, 5735 College Parkway, Mobile, AL 36613.

Position: Invertebrate Zoology

Institution: Murray State Univ.

Location: Kentucky

Description:

Zoology: Assistant Professor, Freshwater Invertebrate Zoologist, Department of Biological Sciences, Murray State University. Full-time, (9)-month, tenure-track position to begin January 2008. Ph.D. and post-doctoral experience required. Requires evidence of productive research programs. A broad expertise in aquatic invertebrate zoology or entomology preferred. Must have a strong commitment to teaching at both undergraduate and graduate levels and including students in research. Will be expected to develop a research program that attracts external funding. Will teach courses in zoology, introductory biology, and area of specialty. Application deadline: October 1, 2007. To apply: Submit a letter of interest, curriculum vitae, statements of teaching interests and philosophy, description of research, relevant reprints, three letters of recommendation, and copies of transcripts to Dr. David S. White, Hancock Biological Station, 561 Emma Drive, Murray, Kentucky 42071-3346. Women and minorities are encouraged to apply. Murray State University is an equal education and employment opportunity, M/F/D, AA employer.

Position: Postdoctoral Fellowship

Institution: North Carolina State Univ.

Location: North Carolina

Description:

The Biotechnology Program at North Carolina State University (<http://www.ncsu.edu/biotechnology>) invites applications for a position as Teaching Postdoctoral Fellow in the area of molecular biology. Responsibilities will include developing and implementing one or more new laboratory courses in a cutting-edge area of molecular biotechnology in the fellow's area of expertise, and teaching sections at the graduate and undergraduate levels of an existing course that covers DNA isolation and purification, cloning, PCR, protein purification and immunoblotting. The successful candidate must have strong interpersonal skills and teaching ability. Experience with proteomics or RNAi is a

plus. A Ph.D. is required. This is a 12-month position, and is renewable for up to 3 years, based on performance and funding.

Applications received prior to November 1, 2007 will be assured of full consideration, and the position can begin as early as January 1, 2008. For further information or to apply go to <https://jobs.ncsu.edu> and "search vacancies" for Position Number 01-05-0702.

AA/EOE. ADA accommodations: Call 919-513-3809. NC State welcomes all persons without regard to sexual orientation.

Contact Information: Job code: 01-05-0702 Web Site: <https://jobs.ncsu.edu/applicants/jsp/shared/frameset/Frameset.jsp?time=1189604815305>.

Position: Plant Evolutionary Biologist

Institution: Univ. of Memphis

Location: Tennessee

Description:

Applications are invited for a tenure-track Plant Evolutionary Biologist position, at the Assistant Professor level, in the Department of Biology at The University of Memphis. We are looking for candidates who have botany training, address questions at the organismal level, and show potential to collaborate with existing faculty, but research interests are open. The successful applicant will be expected to develop an externally funded research program, supervise PhD and MS students, and contribute to the teaching curriculum. Candidates must have a PhD and post-doctoral experience, a record of peer-reviewed publication and scholarly accomplishments, and evidence of funding potential are desirable. Anticipated start date is in August 2008.

The University of Memphis is a comprehensive state university with an enrollment of approximately 21,000 students. The Department of Biology offers B.S., M.S., and Ph.D. degrees in Biology. There are approximately 30 faculty, 14 staff, 50 full-time graduate students, and over 700 majors in the department. The department administers the Meeman Biological Field Station, the Ecological Research Center, and is closely affiliated with the Integrated Microscopy Center, the interdisciplinary Bioinformatics Program, and the W. Harry Feinstone Center for Genomic Research.

Additional information: Departmental information (<http://biology.memphis.edu>), University information (<http://www.memphis.edu>), or contact Diane Mittelmeier (search coordinator) (901) 678-4469 (dmittlmr@memphis.edu).

Applicants should submit a letter of application, curriculum vitae, and a concise description of research and teaching interests. Also please send the names, phone numbers and email addresses of at least four references (do not send reference letters) to: Chair, Plant Evolution Search Committee, Department of Biology, The University of Memphis, Memphis, TN 38152. Review of applications will begin October 15, 2007 and may continue until the position is filled. Appointments will be based on merit as it relates to position requirements. Women and minority candidates are encouraged to apply. The University of Memphis is an Affirmative Action/Equal Opportunity Employer.

Position: Cell and Molecular Biology

Institution: Univ. of West Alabama

Location: Alabama

Description:

University of West Alabama, TENURE-TRACK POSITIONS.

The University of West Alabama invites applications for the following tenure-track positions, which are effective August 13, 2008, unless otherwise noted. See full position announcements and application procedures at <http://employment.uwa.edu/jobs>.

Biology: Ph.D. in Biology or related field with background in cell and molecular biology.

Review of applications begins November 5, 2007, and continues until positions are filled.

AA/EEO Employer. Minority applications are encouraged.

Position: Biologist

Institution: Clayton State Univ.

Location: Georgia

Description:

THE DEPARTMENT OF NATURAL SCIENCES IN THE COLLEGE OF ARTS AND SCIENCES at Clayton State University is seeking applicants for Assistant Professor of Biology. The successful candidate will meet the following: REQUIRED QUALIFICATIONS FOR THE POSITION:

- Earned a Ph.D. in biology or a closely related field (ABD candidates near to completion will be considered).
- Ability to teach a wide range of biology courses and laboratories.
- DESIRABLE QUALIFICATIONS FOR THE POSITION:
- A strong background in organismal biology
- The ability and desire to teach introductory biology courses, comparative vertebrate anatomy, and human anatomy and physiology.
- The ability to teach upper level biology courses in area of expertise.
- Successful college teaching experience.
- Ability and desire to perform research with undergraduate students in area of expertise.
- Experience in and ability to provide leadership in using technology in teaching, including supporting and/or implementing courses using the Internet.

RESPONSIBILITIES:

- Teach the introductory biology sequences (biology majors and non-majors), comparative vertebrate anatomy, human anatomy and physiology, and upper-level biology courses in area of expertise.
- Engage in scholarly activity leading to presentation and publication.
- Develop proposals to support projects in undergraduate research and/or science education or have the ability to perform collaborative research at other institutions.
- Develop courses in your area of expertise.
- Participate in service to Department, College, University and community.
- Serve as an advisor for biology students.

THE POSITION is an academic year, tenure-track appointment that reports to the Head of the Department of Natural Sciences. The position will be available August 11, 2008. Salary will be commensurate with experience and competitive with comparable programs. In compliance with the Immigration Reform and

Control Act of 1986, proof of authorization to work in the U.S. will be required at the time of hire.

Clayton State University is nationally recognized as a leader in the use of information technology to transform teaching, learning, and other aspects of the collegiate experience. For additional information about the Department of Natural Sciences, visit <http://a-s.clayton.edu/science/>.

APPLICATION PROCEDURES:

Applications received by November 15, 2007, are assured full consideration. Applications will be accepted until the position is filled. Qualified applicants should submit a letter of application, curriculum vitae, a statement of teaching philosophy, a brief description of research interests, unofficial transcripts of grades, and the contact information for three current references. Apply by mail or email (JillSears@clayton.edu) to: Ms. Jill Sears, Administrative Assistant to the Dean, College of Arts and Sciences, Clayton State University, 2000 Clayton State Blvd., Morrow, Georgia 30260.

Clayton State University is committed to providing equal educational opportunity to all qualified applicants, without discrimination on the basis of race, color, national or ethnic origin, sex, sexual orientation, age, disability, or handicap, as a matter of University policy and as required by applicable State and Federal laws (including Title VI, Title VII, Title IX, Sections 503, and 504, AREA, ADA, E.O. 11246, and Rev. Proc. 75-50). Title IX Coordinator, Director of Human Resources (678) 466-4230. Individuals with disabilities, who need to request accommodations or obtain this document in an alternative format, contact the Disability Resource Center, Student Center Building, Room 255, (678) 466-5445.

Contact Information: E-mail: JillSears@Clayton.edu, Phone: 678-466-4705
Fax: 678-466-4899. Ms. Jill Sears, Administrative Assistant, College of Arts and Sciences, Clayton State University, 2000 Clayton State Blvd., Morrow, GA 30260 USA,

Position: Department Head

Institution: Univ. of Louisiana at Monroe

Location: Louisiana

Description:

The University of Louisiana at Monroe invites applications for the position of Head of the Department of Biology. This is a position at the associate or full professor rank with a contract starting date of August 2008 (contingent on funding). The head is expected to have a strong commitment to advancing the research and teaching missions of the undergraduate and MS programs. The department includes 19 faculty, over 300 undergraduate majors, and ~ 30 MS students. The successful candidate will possess a Ph.D. in the biological sciences, demonstrated administrative experience, significant accomplishments in teaching, research productivity, external funding experience, and excellent communication skills. Additional information can be found at www.ulm.edu/biology.

Review of applicants will begin immediately and continue until the position is filled.

Applicants should send a letter of application, curriculum vitae, summary of teaching, research, and administrative philosophies, and the names and contact

information for three references to: Biology Search Committee, College of Arts and Sciences, University of Louisiana at Monroe, 700 University Ave., Monroe, LA 71209.

Position: Instructor

Institution: Mississippi State Univ.

Location: Mississippi

Description:

Biological Sciences/Undergraduate Student Advising, Department of Biological Sciences, <http://www.msstate.edu/dept/biosciences/bio.html>.

Position Function. Provide instruction for at least two Biological Sciences courses per year and coordinate all undergraduate academic advising in the department. Aside from classroom/lab instruction, job responsibilities include undergraduate student advising regarding majors' curricula, schedules, and job opportunities in both one-on-one and in group settings, auditing student progress towards graduation, and conducting curricula assessments.

Essential Duties and Responsibilities. The following examples are intended as illustrations only of the various types of duties assigned to this position. The absence of specific statements of duties does not exclude those tasks from the position if the work is similar, related, or a logical assignment of the position.

1. Report to Head of Biological Sciences.
2. Teach at least two BIO courses per year; assigned courses dependent on qualifications.
3. Advise all undergraduate students in the department including those majoring in Biological Sciences, Medical Technology and Microbiology.
4. Determine what courses are transferable to MSU to meet degree requirements; evaluate transcripts for degree purposes; assist in processing add/drop and withdrawal slips, and petitions for retroactive withdrawal and admission.
5. Validate degree requirements for all departmental undergraduate students. Use the CAPP system in Banner to audit student progress towards graduation.
6. Participate in all orientation sessions involving students interested in Biological Sciences.
7. Supervise, develop and oversee work assignments for one support staff member and student worker(s).
8. Assist in building Biological Sciences' master class schedules.
9. With assistance from support staff member, maintain/update records of all undergraduate students in the department.
10. Work with Enrollment Services to assist prospective students. Be knowledgeable of campus resources and support services.
11. Keep up-to-date with professional and graduate schools in regard to program offerings, requirements, and professional contacts.
12. Work with departmental Undergraduate Committee and any ad hoc committee as requested.
13. Coordinate departmental undergraduate scholarship awards.
14. Develop undergraduate student recruiting materials, either as printed documents or as a website.
15. Respond to inquiries pertaining to undergraduate programs, and coordinate bulk mailings to prospective students.

16. Be the primary contact for the College of Arts & Sciences' Health Professionals Alumni Council.
17. Conduct assessments of undergraduate curricula. Develop, conduct and analyze exit surveys for new and past graduates. Also poll typical employers of Biological Sciences graduates.
18. Gather information as required by department head to facilitate the production of special reports; prepare reports as assigned.
19. Complete other duties as assigned.

Minimum Qualifications

1. Master's degree in a field of the biological sciences or a related field amenable to instruction of at least two BIO courses.
2. Minimum of 1 year work-related instructional experience at the university or community college level.
3. Excellent interpersonal, oral and written communication skills.
4. Strong organizational skills.
5. Experience supervising others.

Preferred Qualifications

1. Ph.D. in a field of the biological sciences or related field amenable to instruction of more than one BIO course.
2. Two or more years of work-related experience in higher education.

Knowledge, Skills and Abilities

1. Ability to work with a number of electronic databases necessary for completion of work.
2. Excellent interpersonal skills combined with strong oral and written communication skills.
3. Strong computer skills helpful.
4. Knowledge of MSU curriculum and policies/procedures.

Working Conditions and Physical Effort

Willingness to work extra hours when necessary as dictated by workload variation (some night and weekend work involved).

Instructions for Applying

To apply, send curriculum vitae, and teaching statement, plus relevant areas of teaching competence. Applicants should also arrange for at least three letters of reference to be submitted on their behalf. Screening will begin October 15, 2007, and will continue until the position is filled. Send application packets to:

Dr. Nancy Reichert, Head, Department of Biological Sciences, P. O. Box GY, Mississippi State University, Mississippi State, MS 39762

(e-mail: facultysearch@biology.msstate.edu).

Applicants must complete the Personal Data Information Form online.

Departmental Contact: Nancy A. Reichert, Contact E-mail NReichert@biology.msstate.edu. Contact Phone 662-325-7577.

Position: Director, Coastal Sci. Institute

Institution: East Carolina Univ.

Location: North Carolina

Description:

East Carolina University seeks an individual to oversee the development and management of the new Institute for Interdisciplinary Coastal Science and Policy (IICSP). The new Institute combines the Institute for Coastal Marine Resources (ICMR), the PhD Program in Coastal Resources Management (CRM), and the

Office of Diving and Water Safety with an annual permanent budget exceeding \$1.6 million, including 13 faculty (7.5 FTE, 3 expansion positions currently vacant), 9 office and support staff, a fleet of 10+ research vessels, \$311,000/yr in graduate assistantship funds, and operating funds of about \$150,000/yr. The new Institute will serve as a multidisciplinary focal point, drawing broad support from over 70 faculty members in 8 core departments from 3 colleges and forge interactions with other institutes and universities, including the UNC Coastal Studies Institute (<http://csi.northcarolina.edu/>).

The goal of the new Institute is to enhance understanding of the complex interactions between human behavior and coastal/marine environmental resources and to draw on this understanding to develop sound public policy. The Institute will focus its research at the interface between 4 areas: coastal & estuarine ecology, coastal geosciences, social science & coastal policy, and maritime studies. The new Director will guide a planned expansion that will add at least 3 new faculty positions to further the Institute's goal of fostering an interdisciplinary environment focused on coastal issues.

Specific duties and responsibilities of the Director will include:

Leadership and Program Development - develop and direct research programs; develop and implement a comprehensive strategy for securing external funding from government agencies, non-government organizations, the private sector, and from private donations; interact with relevant communities; lead and coordinate the hiring of selected IICSP scientists who will have joint appointments; recruit and mentor participating faculty.

Administration and Management - insure that the Institute is properly managed. Management responsibility includes issues related to personnel, budget, space, and equipment.

Agency Relations - develop and maintain effective working relationships with agencies (federal, state, local) that either fund research on coastal and near-shore marine environments, or have management responsibilities for these environments.

Research - may undertake research in own area of expertise.

Outreach/Service - work with Institute staff to share research findings within the community; work with the community to identify emerging research issues; facilitate stakeholder discussions on research findings and research agendas; forge interactions with other institutes and universities including the UNC Coastal Studies Institute (<http://csi.northcarolina.edu/>) and promote solutions derived from research to the broader social and political communities. The Director will serve as a liaison between coastal stakeholders and the research community.

East Carolina University is a member of the 16-campus University of North Carolina system with an enrollment of about 25,000 students, of which more than 5,700 are pursuing graduate and professional degrees. It is located in a geographic region that is rich in estuaries, barrier islands, wetlands, and agricultural, fishery, and silvicultural resources. Greenville's population of some 65,000 is located 90 miles east of Raleigh, the state capitol. It is within easy driving distance of the Albemarle-Pamlico estuarine system, the state's extensive barrier islands (including the Outer Banks), and a full spectrum of pristine to highly developed coastal environments.

Candidates must have the credentials, experience, and achievements appropriate for the appointment at the Full or Associate Professor level, including a Ph.D. in an area closely related to the scope of the Institute, experience in the

development and administration of multidisciplinary programs, and an established record of externally supported research and publications.

Please submit a letter of interest, a current curriculum vitae and names and contact information of three references online at www.jobs.ecu.edu (use search term "IICSP"). Review of applications will begin October 21, 2007 and continue until the position is filled.

East Carolina University is an Equal Opportunity/Affirmative Action University that accommodates individuals with disabilities.

Individuals requesting accommodation under the Americans with Disabilities Act (ADA) should contact the Department for Disability Support Services at (252) 737-1016 (Voice/TTY).

Proper documentation of identity and employability is required at the time of employment.

Position: Director

Institution: Louisiana Tech University

Location: Louisiana

Description:

Biological Sciences: Director, School of Biological Sciences twelve month, tenure-track position available July 1, 2008, in the School of Biological Sciences, at Louisiana Tech University. The School has 21 faculty, approximately 500 undergraduates, and 35 graduate students. Louisiana Tech enrolls approximately 11,000 students and is located in Ruston, Louisiana, a town of about 22,000 in North Louisiana. Candidates should have an earned Ph.D. in biology, or closely related field, and possess strong leadership and communication skills. We are seeking an individual who is enthusiastic, and supportive of a balance of teaching and research by the School's faculty. Application materials required include a letter of interest, current vita, and names with contact information of three references. Applications may be submitted to Dr. James D. Liberatos, Chair, Director Search Committee (JamesL@LaTech.edu). Review of applications will begin November 1, and continue until position is filled. Louisiana Tech University is a member of the University of Louisiana System, and is an Equal Opportunity Employer.

Contact Information: E-mail: JamesL@LaTech.edu, Phone: 318 257 4287, Fax: 318 257 5060. Dr. James D. Liberatos, Dean & Search Committee Chairman, College of Applied and Natural Sciences, Louisiana Tech University P O Box 10197, Ruston, LA 71272, USA.

Position: Assistant Professor

Institution: South Georgia College

Location: Georgia

Description:

Assistant Professor of Biology.

South Georgia College has the following position available: Assistant Professor of Biology, Tenure Track. Doctorate with a minimum of 18 graduate semester hours in biology; emphasis on cellular/molecular biology, microbiology, and physiology required. Master's degree considered with significant work in biology beyond the master's and an institutionally approved plan for completion of the doctorate. Starting date January 6, 2008. www.sgc.edu.

Contact Information: E-mail: charles.johnson@sga.edu, Phone: (912) 389-4507, Fax: (912) 389-4356. Dr. Charles Johnson, Chair, Div of Natural Science/Math/PE, South Georgia College, 100 West College Park Drive, Douglas, GA 31533, USA.

Position: Assistant Professor

Institution: Mercer University

Location: Georgia

Description:

Biology: Assistant Professor, Biology, Mercer University, Macon, Georgia. The Biology Department at Mercer University seeks a tenure-track Assistant Professor to begin August 2008. Responsibilities will include teaching five (5) undergraduate courses per academic year, at least four (4) with lab. These will usually include Microbiology, Virology or Immunology, Introductory Biology II, additional upper division biology courses and extra-departmental general education courses (most likely Scientific Inquiry and modules). Earned doctorate in Biological Science with an emphasis in Microbiology from an accredited university/college, granted by August 2008, is required. Must have promise of excellence in teaching and scholarly activity in the context of a liberal arts college. Interest in research involving undergraduate students and interdisciplinary teaching a must. Membership in Phi Beta Kappa is considered an advantage. Interested candidates should submit an online application at <http://www.mercerjobs.com>. AA/EOE/ADA.

Position: Vertebrate Biology

Institution: Augusta State University

Location: Georgia

Description:

ASSISTANT PROFESSOR OF BIOLOGY

Augusta State University invites applications for a tenure-track position beginning August 2008. ASU is a public metropolitan university with the feel of a small liberal arts college located in the heart of historic Augusta. The primary mission of our more than 200 faculty members is outstanding teaching and service to a diverse student body of over 6,400 and to our community. The Augusta metro area has a population of @ 500,000 and is nationally recognized for its low cost of living and affordable housing market. Salary low \$40,000.

Applicants for the position of Assistant Professor of Biology must possess a Ph.D. in a field related to vertebrate biology and have a strong commitment to teaching undergraduates. The successful candidate will be expected to teach anatomy and physiology, intro biology, and to develop a course in his/her area of expertise. The normal teaching load is three courses (12 hours) per semester. Additional responsibilities include academic advising and supervision of undergraduate research.

The Department of Biology is composed of 16 full-time and five part-time faculty members with expertise across a broad spectrum of biological disciplines. The Department has modern laboratory equipment for both teaching and research. Our commitment to research is focused on providing research opportunities and experience to our undergraduate students.

Please send a letter of application, a statement of your teaching philosophy, curriculum vitae, and the names, postal and e-mail addresses, and phone

numbers of three references to: Dr. Christine Terry, Department of Biology, Augusta State University, 2500 Walton Way, Augusta, GA 30904. Applications received by November 15 will be given full consideration. Augusta State University is an Equal Opportunity Employer.

Contact Information: Dr. Christine Terry, Department of Biology, Augusta State University, 2500 Walton Way, Augusta, GA 30904, USA.

Position: Microbiology

Institution: Hodges University

Location: Florida

Description:

Hodges University is private non-profit university located in southwest Florida. The University is a SACS accredited institution offering a variety of degrees at the associate, bachelor and master's level with a focus on the adult learner.

Hodges University is currently seeking qualified candidates for an Assistant Professor of Biology. Teaching responsibilities include lower division Biology courses as well as an upper division Microbiology course. All full time appointments are twelve month appointments and there is no tenure track at Hodges University. The anticipated start date is January 2008. Course load each trimester is three courses plus integrated lab. Most courses are offered in the evening.

Minimum qualifications:

- Doctorate degree in biology from a regionally accredited institution required
- Demonstrated ability of successful college level teaching in an adult centered institution
- Interest and expertise must be in teaching science courses, not research
- Demonstrated experience and willingness to engage with the University community to improve the educational experience of its students.

To apply please submit a cover letter, C.V., a statement of teaching philosophy and the names of three professional references to Dr. Carlene Harrison, Dean, School of Allied Health 2655 Northbrooke Drive, Naples Florida 34119.

Contact Information: E-mail: charrison@internationalcollege.edu. Dr. Carlene Harrison, Dean, School of Allied Health, Hodges University, 2655 Northbrooke Drive, Naples, FL 34119,

Position: Toxicology

Institution: Univ. of North Florida

Location: Florida

Description:

The University of North Florida (UNF), one of eleven public universities in the State of Florida, enrolls approximately 17,000 students. Located seven miles inland from the Atlantic Ocean, UNF is a comprehensive urban university in the midst of a nature preserve of more than 1,300 acres. Academic programs are housed in five colleges: Arts and Sciences; Coggin College of Business; Computing, Engineering, and Construction; Brooks College of Health; and Education and Human Services. For more information about the University of North Florida, please visit our home page at: <http://www.unf.edu>.

UNF has a strong commitment to teaching, learning and scholarship. Applications are sought for full-time, tenure track faculty positions and instructor positions starting August 2008. For a complete vacancy announcement which includes position and application details, please see the University's Web site <http://www.unfjobs.org>. Applicants must complete a one-page application form online and must submit/mail all required documents to be considered for these positions. Applicants who do not apply online or do not submit/mail all the required documentation will not be considered for these positions. UNF is an Equal Opportunity, Equal Access, Affirmative Action Institution.

College of Arts and Sciences <http://www.unf.edu/coas/>, Department of Biology - Assistant Professor, Biology, specialization in Toxicology, #332050.

Position: Biology

Institution: Darton College

Location: Georgia

Description:

DARTON COLLEGE, Albany, GA.

Biology Faculty Position available January, 2008, at Darton College, University System of Georgia. Applications received after October 19, 2007, cannot be guaranteed full consideration. Visit our Web Site at <http://www.darton.edu> - Position Openings - for a complete job description and requirements or contact: Personnel Office, Darton College, 2400 Gillionville Road, Albany, Georgia 31707. AA/EOL.

Contact Information: Web Site: <http://www.darton.edu>.

Position: Ecologist

Institution: Georgia College & State Univ.

Location: Georgia

Description:

MULTIPLE POSITION OPENINGS IN THE SCHOOL OF LIBERAL ARTS & SCIENCES

GCSU is Georgia's Public Liberal Arts University, and a member of the prestigious Council of Public Liberal Arts College (COPLAC), an organization of publicly funded institutions with a strong dedication to liberal arts.

The campus occupies 43 acres in the heart of historic Milledgeville, GA, located 90 miles southeast of Atlanta and 30 miles northeast of Macon. Milledgeville is a vibrant, diverse, and growing small college town of about 20,000 people in Baldwin County (about 45,000 residents). The community offers its residents many cultural, dining, entertainment and recreational options.

The School of Liberal Arts and Sciences is the largest among the University's four schools with about 3,000 students and 150 full-time faculty in ten academic departments, and an interdisciplinary studies program that includes Caribbean and Latin American Studies, Africana Studies, and Women's Studies. For more information, visit our web site at www.gcsu.edu.

The following positions are full-time tenure track, to begin in August 2008 (except otherwise stated in the position description). Excellence in teaching, scholarly activity, and service are requirements for promotion and tenure. For more information, complete job descriptions, and addresses to submit application materials, please visit our Web page at <http://www.gcsu.edu/facultyjobs/default.html>.

DEPARTMENT OF BIOLOGICAL AND ENVIRONMENTAL SCIENCES. Ecologist/Environmental Science Program Coordinator at the rank of Assistant or Associate Professor. Ph.D. in ecology, environmental science, or related field required. Review of applications begins November 15.

Assistant Professor of Biology. Doctorate in Biology required, with an emphasis in any of the following areas: genetics, biosystematics, bioinformatics, cell and molecular biology. Review of applications begins November 15.

Position: Biology

Institution: Macon State College

Location: Georgia

Description:

FACULTY POSITIONS

Macon State College, one of thirty-five institutions in the University System of Georgia, invites applications for tenure track positions in Biology, Chemistry, and Mathematics.

BIOLOGY POSITION: Candidates with an earned doctorate in Biology or closely related field are preferred and must have a record of teaching and scholarship that warrants appointment at the rank of assistant professor. Teaching responsibilities may include day and/or evening classes in curricula that support baccalaureate degrees in Biology and Nursing and associate degrees in Chemistry and Physical Therapy.

Macon State College, a regionally accredited baccalaureate institution, is organized into five schools (Arts and Sciences, Business, Education, Information Technology, and Nursing and Health Sciences) and a Department of Learning Support. With a main campus in Macon, a campus in Warner Robins, and a center on Robins Air Force Base, Macon State College has 198 full-time faculty and serves approximately 6,200 commuting students. The diverse student body is about equally divided between traditional and non-traditional students. The Macon metropolitan area, with an approximate population of 350,000, is located 75 miles south of Atlanta. For more information, visit the Macon State College home page at <http://www.maconstate.edu>

Salary for the position is competitive and commensurate with qualifications and experience. In compliance with the Immigration Reform and Control Act of 1986, proof of authorization to work in the United States will be required at the time of hire. The starting date for the position is August, 2008.

The search committee will begin reviewing applications immediately and will continue until the position is filled. Individuals interested in this position should submit a letter of interest in and qualifications for the position, a statement of teaching philosophy, a current curriculum vitae, transcripts of all college work, and letters from three references (including e-mail addresses and telephone numbers).

Inquiries about the position may be made to Dr. Eric Sun, Associate Dean of the School of Arts and Sciences, at 478-471-2751 or at eric.sun@maconstate.edu.

Applications should be mailed to: Dr. Barbara Frizzell, Vice President for Academic Affairs and Dean of the Faculty, Macon State College, 100 College Station Drive, Macon, GA 31206-5145,

Macon State College is an Equal Opportunity, Affirmative Action Employer.

Position: Cell Biology

Institution: Murray State Univ.

Location: Kentucky

Description:

Biological Sciences: Assistant Professor, Department of Biological Sciences, Murray State University. Full-time, tenure-track position to begin August 2008. Ph.D. with research interests at the cellular level required. Specific research areas are open: cellular bioinformatics, cell signaling, or cell differentiation are preferred. Must demonstrate a strong commitment to establishing a research program involving undergraduate and graduate students. Postdoctoral experience preferred; recent Ph.D. graduates with a strong publication record and the potential to attract extramural funding will be considered. Will teach undergraduate and graduate level courses commensurate with departmental needs and the individual candidate's expertise. Application deadline: Postmarked by October 15, 2007. To apply: Submit letter of application, curriculum vitae, statement of teaching interest and philosophy, description of research, relevant reprints, copies of transcripts, and three letters of recommendation to: Sterling N. Wright, Ph.D., Chair-Cellular Biology Search, Department of Biological Sciences, 2112 Biology Building, Murray State University, Murray, Kentucky 42071. Women and minorities are encouraged to apply. Murray State University is an equal education and employment opportunity, M/F/D, AA employer.

Position: Molecular Physiology

Institution: Furman University

Location: South Carolina

Description:

Location: Greenville, South Carolina

Assistant Professor of Biology. Furman University invites applications for a tenure track position at the Assistant Professor level beginning August 2008. The successful candidate will be a mammalian physiologist whose research includes work at the molecular level and who will utilize our new vivarium facility. Teaching responsibilities will include human physiology, animal physiology, introductory biology, and upper-level course(s) in an area of specialty.

Candidates must have the Ph.D., evidence of interest and excellence in teaching, and a commitment to involving undergraduate students in an active research program. Furman is a selective, independent liberal arts school of 2,600 students, with a strong emphasis on engaged learning and undergraduate research. Start-up funds will be available. For further information, see website: <http://www.furman.edu/academics/biology/job/>. Submit curriculum vitae, statement of teaching credentials and philosophy, description of research interests, unofficial transcripts, and three letters of recommendation to: Dr. Dennis Haney, Chair Molecular Physiologist Search Committee, Department of Biology, Furman University, 3300 Poinsett Highway, Greenville, SC 29613 or E-mail: dennis.haney@furman.edu. Review of applications will begin November 12, 2007, continuing until the position is filled.

The University and the Department have a strong commitment to achieving diversity among faculty and staff. We strongly encourage women and people from diverse racial, ethnic, and cultural backgrounds to apply. Equal Opportunity/Affirmative Action Employer.

Position: Assistant Professor
Institution: Samford University
Location: Alabama
Description:

Biology: Assistant Professor, non-tenure track. Responsibilities: teach undergraduate courses in general biology, anatomy and physiology and microbiology as well as interdisciplinary general education science courses. Mentor undergraduate research and serve as academic advisor for biology majors. For more information, visit our Web site: <http://www.samford.edu/schools/artsci/biology>.

Contact Information: Dr. Ronald Hunsinger, Professor and Chair, Biological and Environmental Sciences, Samford University, 800 Lakeshore Drive, Birmingham, AL 35229, USA.

Position: Assistant Professor
Institution: Armstrong Atlantic State Univ.
Location: Georgia
Description:

Armstrong Atlantic State University invites applications for the following faculty positions:

Assistant Professor, Biology (Plant Biology)

Assistant Professor, Biology (Vertebrate Biology)

Please visit the AASU employment website, www.hr.armstrong.edu/jobs.htm for details about these positions, including application procedures, deadlines, and contact information.

Georgia is an Open Records Law State * AA/EOE

Contact Information: College of Arts and Sciences, Armstrong Atlantic State University, 11935 Abercorn Street, Savannah, GA 31419, USA.

Position: Environmental Science
Institution: Columbus State Univ.
Location: Georgia
Description:

The Columbus State University Department of Biology seeks a tenure-track Assistant Professor with expertise in environmental science and science education for an immediate opening. Responsibilities include but aren't limited to developing and teaching integrated science courses for Elementary and Secondary teacher candidates and assisting other biology educators in advising and mentoring secondary educators in undergraduate research. We are a department known for student engagement, international coursework, and professional service. We work collaboratively in many ways, and a successful candidate is expected to share in this philosophy.

The ideal candidate will possess a doctorate in science education or a biology-related discipline and demonstrate a strong commitment to K-12 education through prior teaching experience, conducting professional development activities, or engagement in education related research. A successful criminal background check will be required as a condition of employment.

Please submit a letter of application, curriculum vitae, transcripts, a statement of teaching philosophy, summary of interest in teacher preparation,

and contact information for three references to Dr. Kenneth A. Gafford, Search Committee Chair, Department of Biology, Columbus State University, 4225 University Avenue, Columbus, GA 31907-5645. No e-mail applications will be accepted. Applications received by November 02, 2007 will be given preference. The search will remain open until the position is filled. Applications for part-time and full-time faculty positions must include transcripts of all academic work and demonstrate the ability to meet Southern Association of Colleges and Schools (SACS) requirements with a minimum of 18 graduate hours in the teaching discipline. Columbus State University is an Affirmative Action/Equal Opportunity Employer, Committed to Diversity in Hiring.

Dr. Kenneth A. Gafford, Search Committee Chair, Department of Biology, Columbus State University, 4225 University Avenue, Columbus, GA 31907-5645.

Contact Information: Job code: 07-11-97. Web Site: www.colstate.edu. Dr. Kenneth A. Gafford, Search Committee Chair, Department of Biology, Columbus State University, 4225 University Avenue, Columbus, GA 31907-5645, USA.

Position: Anat. and Physiology

Institution: Gordon College

Location: Georgia

Description:

Gordon College invites applications for an academic year, tenure-track faculty position. Teaching assignment will include laboratory courses in general biology and Anatomy and Physiology. Gordon College is a state residential liberal arts college and an institution of the University System of Georgia with an enrollment of 3,700 students and a collegial faculty. The institution is accredited by the Southern Association of Colleges and Schools. Its 136-acre campus is located in Barnesville, Georgia, a small, quiet town approximately fifty-five miles south of Atlanta.

Doctorate in a biological science, or a master's degree in a biological science and a related doctorate. College level teaching experience preferred.

Send letter of application, vita, teaching philosophy, unofficial transcripts of all undergraduate and graduate studies, and names and telephone numbers of three professional references to: Director of Human Resources, Gordon College 419 College Drive, Barnesville, GA 30204.

Incomplete applications will not be considered

Contact Information: E-mail: peggyw@gdn.edu. Phone: 770 358 5011, Fax: 770 358 5290, Human Resources, Gordon College, 419 College Drive, Barnesville, GA 30204.

Position: Wildlife Ecology

Institution: Eastern Kentucky Univ.

Location: Kentucky

Description:

Ecology: Assistant Professor of Wildlife Ecologist. Tenure-track, 9-month appointment, to begin August 15, 2008. Teaching responsibilities will include courses in the department's undergraduate wildlife management program (BS) and graduate degree (MS) option in Applied Ecology. Primary courses to be taught include wildlife population analysis, biostatistics, wetland wildlife management, population ecology, and upper-division and graduate-level courses in area of specialty. The wildlife ecologist will also contribute to teaching the

department's non-major courses. The typical teaching load is 12 hours per semester, but new faculty can expect to teach 9 hours per semester during their first year. The successful candidate will be expected to establish an active, extramurally funded research program and mentor undergraduate and graduate (MS) students. Ph.D. required; ABD considered. Degree(s) must be from a regionally accredited institution. Candidates must have a strong record of research accomplishments and must provide evidence of excellent teaching and communication skills. Applications must be submitted online at <http://jobs.eku.edu> (search requisition number 0601996). Review of applications will begin on January 7, 2008 and will continue until position is filled. Inquiries may be directed to Dr. Charles Elliott (Charles.Elliott@eku.edu). Offers of employment are contingent upon satisfactory criminal background check and educational credential verification. Eastern Kentucky University is an EEO/AA institution that values diversity in its faculty, staff, and student body. In keeping with this commitment, the University welcomes applications from diverse candidates and candidates who value diversity.

Position: Chair, Biology

Institution: Southern University

Location: Louisiana

Description:

BIOLOGY, ASSISTANT PROFESSOR & CHAIRPERSON

Southern University and A&M College at Baton Rouge (<http://www.subr.edu>), one of the Historically Black Colleges and Universities, invites applications for (1) a tenure-track assistant professorship in biology and (2) a chairperson of biology. Salary for both positions and rank for the chairperson are contingent on qualifications. Good oral and written communication skills and a Ph.D. in an area of biological sciences are required for both positions. The chair must be totally committed to promoting participatory leadership among all faculty and have a clear plan for overall growth, progress, and excellence for the department. Applicants for both positions must be committed to excellence in teaching and student-involved research. For the faculty position, a degree in microbiology and experience in using modern technology in on-site instruction and distance education are pluses. Applicants should send a letter of application that includes a statement of the applicant's teaching philosophy; a synopsis of research interests and accomplishments; a curriculum vita; a statement of leadership style (for the chair); and the names, addresses, and telephone numbers of three references to: Dr. Robert H. Miller, Jr., Dean; College of Sciences; Southern University and A&M College; P.O. Box 9440; Baton Rouge, LA 70813. Responses by e-mail to rhmillerrjr@aol.com are also welcomed. The official deadline for applying is November 30, 2007; however, applications will be accepted until the positions are filled. The successful applicants can assume the positions on January 7, 2008.

Southern University, an equal opportunity, affirmative action employer, encourages applications from qualified women and minorities.

Position: Anatomy & Physiology

Institution: Emporia State Univ.

Location: Kansas

Description:

Tenure track position at Emporia State University: Anatomy/Physiology: Assistant/Associate Professor: Anatomy and Physiology.

Nine-month, tenure-track position, Department of Biological Sciences, Emporia State University, Emporia, Kansas. Ph.D. required with strong commitment to teaching, research, and advising. Development of active research program involving master's level graduate students expected. Teach and supervise human anatomy and physiology lecture and lab, plus courses in area of specialty at the undergraduate or graduate level. Starting date August 2008. Salary range: \$44,500-50,000. Screening will begin November 8, 2007, and continue until position is filled. Send letter of application with separate statements of teaching philosophy and research interests, Curriculum vitae, unofficial transcripts, and names, addresses, telephone numbers, and e-mail addresses of four references to: Dr. Lynnette Sievert, Search Committee Chair, Department of Biological Sciences, Campus Box 4050, Emporia State University, Emporia, Kansas 66801-5087, telephone: 620-341-5606; fax: 620-341-5607; e-mail: Lsievert@emporia.edu; Web site: <http://biology.emporia.edu>.

An AA/EOE institution, Emporia State University encourages minorities and women to apply. <http://www.emporia.edu>.

Position: Microbiologist

Institution: Henderson State Univ.

Location: Arkansas

Description:

Ellis College of Arts and Sciences, Biology Department.

Position: Microbiologist, Assistant Professor of Biology

The Department of Biology invites applications for a full-time, tenure-track position starting in August 2008 to teach undergraduate students. Teaching duties will include general microbiology, introductory biology for non-majors, and upper division courses in area of expertise.

Whereas teaching is the major duty of the position, research involving undergraduates and student advising is expected.

Qualifications: A Ph.D. with undergraduate teaching experience is preferred. The ability to offer a course in immunology and/or parasitology is desirable.

Salary: Commensurate with qualifications and experience.

The University: Henderson State University is a public liberal arts institution and a member of the Council of Public Liberal Arts Colleges. The university is ranked in the top tier among "Best Universities – Masters in the South Region" in the 2008 edition of "America's Best Colleges" by U. S. News and World Report. There are about 3,600 students with approximately 200 majors in the Biology Department. Henderson is located in southwest Arkansas on Interstate 30 midway between Little Rock and Texarkana. Additional information is available at www.hsu.edu/biology.

The review process will begin January 14, 2007 and continue until the position is filled.

Applications: Apply by sending hard copies of a letter of application, a curriculum vitae, official transcripts, three letters of recommendation, a statement of teaching philosophy and research interests, and syllabi from recent courses, if available, to: Brett E. Serviss, Ph.D., Biology Search Committee Chair, Henderson State University, 1100 Henderson Street, Box 7570, Arkadelphia, AR 71999-0001.

Henderson State University is an affirmative action/ADA, equal opportunity employer. Women and minorities are encouraged to apply.

Position: Neuroscience, Applied Ecology

Institution: U. of Central Arkansas

Location: Arkansas

Description:

University of Central Arkansas, TENURE-TRACK FACULTY POSITIONS, Neuroscience and Applied Ecology.

The Department of Biology at the University of Central Arkansas invites applications for tenure-track faculty positions within the areas of Neuroscience and Applied Ecology. These appointments will be at the Assistant Professor level and will commence August 15, 2008. Cover letters should clearly indicate the position for which the candidate is applying. Applications are sought from outstanding individuals who value quality teaching and are dedicated to developing active research programs involving both undergraduate and graduate students. These positions offer a reduced teaching load initially, dedicated research space, start-up funding, and opportunities for internal as well as external grants.

The Department is building strength areas in Environmental Science/Ecology and Molecular/Cellular/Biomedical Science. As such, preference will be given to candidates whose expertise will enhance our teaching and research activities within these areas. Teaching responsibilities for each successful candidate will include contributions to our freshman and core curriculum along with opportunities to develop additional upper-division and graduate courses that will augment our current programs. Existing courses to be taught include Introduction to Neuroscience (for health science students), Experimental Neurobiology and an anticipated course in Applied Ecology. Preference will be given to Neuroscience candidates working in neurophysiology and to Applied Ecology candidates working with communities, landscapes or restoration. Please visit our Web site for more details <http://www.uca.edu/biology/>.

The Department of Biology at the University of Central Arkansas has 30 full-time faculty, approximately 625 undergraduate majors and a growing Master's program which currently enrolls 25 graduate students. Shared research space and instrumentation include approved animal facilities, two greenhouses, a real-time PCR machine, and modern SEM and confocal microscopes. We also have an 18-acre, on-campus Nature Reserve, and are in proximity to pristine wild areas such as the Buffalo National River and the Ozark and Ouachita Mountains.

Submit cover letter, curriculum vitae, statement of teaching philosophy, an outline of research plans indicating where students may participate, and the names and contact information for three references to: Dr. Steven Runge, Department of Biology, University of Central Arkansas, Conway, AR 72035-5003.

Ph.D. required and recent Ph.D.s are encouraged to apply. Review of applications will begin on November 19, 2007 and continue until the positions are filled.

UCA is an Equal Opportunity, Affirmative Action Employer.

Position: Aquatic Botanist

Institution: U. of West Florida

Location: Florida

Description:

The Department of Biology at the University of West Florida, a comprehensive regional institution, invites applications for a 9-month, tenure-track position at the Assistant Professor level starting August 2008. Applicants must have a Ph.D. in plant biology or related field with a preferred specialty in aquatic botany or marine phycology and postdoctoral experience. Responsibilities include the standard teaching load at the undergraduate and graduate levels including general botany and related existing courses, serving on graduate committees, and directing theses. Applicants are expected to establish an active research program that involves undergraduate and graduate students, and that is supported by external funding. Salary commensurate with experience. Applicants are to apply online at <https://jobs.uwf.edu>, the website of Human Resources at the University of West Florida. Be prepared to attach your curriculum vitae, letter of application/interest, statement of teaching philosophy, statement of research interests/plans, and a list of three professional references. The applicant should also arrange for three letters of professional reference to be sent to Aquatic Botanist Search Committee, Department of Biology, University of West Florida, 11000 University Parkway, Pensacola, FL 32514. Full review of applications will begin January 15, 2008, but applications will be accepted until the position is filled. For more information, please contact the Search Committee Chair Dr. Ted Fox (tfox@uwf.edu; 850.474.2754) or the Department Chair Dr. George Stewart (gstewart@uwf.edu; 850.474.2748).

Apply online at <https://jobs.uwf.edu>.

This position requires a criminal background screening. UWF is an Equal Opportunity/Access/Affirmative Action Employer.

Position: Physiology

Institution: Northern Kentucky Univ.

Location: Kentucky

Description:

College of Arts and Sciences

The Department of Biological Sciences invites applications for a Tenure-track, Assistant Professor beginning fall 2008. Ph.D. Physiologist with a background in mammals and/or comparative biology. Undergraduate teaching and post-doctoral experience is desirable. Primary teaching responsibilities will include Anatomy and Physiology, Mammalogy, and upper division courses in area of expertise. Preference will be given to candidates with research interests in areas related to human health issues. The successful candidate is expected to participate in activities of the Center for Integrative Natural Science and Mathematics (<http://www.nku.edu/~cinsam/>) and to engage undergraduate students in active research. More detailed descriptions of the position plus departmental information may be found at (<http://www.nku.edu/~biosci>). Send letter of application; brief statement of professional goals; statements of teaching/research philosophy; curriculum vitae; transcripts; and names, addresses, phone numbers, and e-mail addresses of three references to Physiologist Search Committee; Department of Biological Sciences, Northern

Kentucky University, Highland Heights, KY 41099. All application materials must be received by November 16, 2007.

Position: fungal genomics

Institution: Louisiana State Univ.

Location: Louisiana

Description:

TEM Position – Fungal Evolution

Assembling the Fungal Tree of Life (www.aftol.org)

We seek a Ph.D. level scientist, M.S. research associate, or graduate assistant to participate in a multi-investigator project to resolve the origins of major fungal lineages using genomic and morphological data (for a description of the “Assembling the Fungal Tree of Life” project see www.aftol.org).

A position in fungal comparative biology/structural evolution is available at the Department of Biological Sciences, Louisiana State University. The person will work closely with other labs to expand the AFTOL structural database (<http://aftol.umn.edu>), and s/he should have interests in comparative biology/structural evolution and phylogenetic analysis. Previous experience with transmission electron microscopy is necessary; working with a diversity of fungal organisms also is desirable but not required. The appointment period is 2 years plus possibility of renewal. If interested, please send a cover letter, vita, and names of references (contact M. Blackwell).

Position: Microbiology

Institution: Auburn University

Location: Alabama

Description:

Auburn University, Assistant Professor in Microbiology, College of Sciences and Mathematics.

The Department of Biological Sciences at Auburn University invites applications for a tenure-track faculty position at the assistant professor level in microbiology beginning Fall 2008. The successful candidate is expected to establish an internationally recognized research program in an area of microbiology, and engage in the training of graduate and undergraduate students. The successful candidate will also have teaching responsibilities in the microbiology program and will participate in teaching general microbiology.

Applicants should have a Ph.D. in microbiology or a closely related discipline with at least two years of postdoctoral experience in microbiology. Desired qualifications include a strong record of publication, teaching experience, and good interpersonal skills. The candidate selected for this position must be able to meet eligibility requirements to work in the United States at the time appointment is scheduled to begin, continue working legally for the proposed term of employment, and be able to communicate effectively in English.

Applicants should submit a curriculum vitae, a description of research interests and teaching experience and the names and contact information of at least three references to Dr. James Barbaree, Biological Sciences Search Committee Chair, Dept. of Biological Sciences, 101 Life Sciences Building, Auburn University, AL 36849-5407. Review of applications will begin December 15, 2007.

AUBURN UNIVERSITY IS AN AFFIRMATIVE ACTION, EQUAL OPPORTUNITY EMPLOYER.

Women and minorities are encouraged to apply.

Position: Microbiology

Institution: Ouachita Baptist Univ.

Location: Arkansas

Description:

Biology Full-Time Faculty (replacement position). Start Date - August 2008.

RANK: Determined by experience and educational background of the candidate.

DUTIES: Primary teaching assignments are Microbiology and either Genetics or Cell Biology, as well as biology for non-majors. There may be the opportunity to develop an upper-level course that complements the department's curriculum. Applicants will also be expected to support the other activities of the department, including academic advising and mentoring students on undergraduate research projects.

QUALIFICATIONS: Ph.D. in Biology or sub-discipline from an accredited institution. College level teaching and professional experience desired but ABD will be considered. Faculty members are expected to embrace the Christian mission and purpose of Ouachita Baptist University and lead lives of service through active involvement in Christian activities both on campus and through a local church.

THE UNIVERSITY: Ouachita is a private, liberal arts university associated with the Arkansas Baptist Convention. Nestled in the scenic Ouachita Mountain foothills, OBU is adjacent to Lake DeGray and the Ouachita River, 35 miles from Hot Springs National Park and 65 miles from Little Rock. Total enrollment is approximately 1450 and the Biology Department is the largest major on campus with more than 125 majors.

Ouachita Baptist University welcomes applications for employment and educational programs from all individuals regardless of race, color, gender, age, disability, or national or ethnic origin.

Send application letter addressing qualifications and interest, the names of three references, and vita to Tim Knight, Ph. D., Chair of Biological Sciences, OBU Box 3792, Ouachita Baptist University, Arkadelphia, AR 71998. Consideration begins January 11, 2007 and continues until position is filled. Questions may be addressed to Tim Knight at knightt@obu.edu

Position: Multiple Positions

Institution: Valdosta State Univ.

Location: Georgia

Description:

Department of Biology, Faculty Positions.

Valdosta State University's Department of Biology announces two academic-year tenure-track faculty positions in environmental toxicology and cell biology at the Assistant Professor level beginning August 2008. Successful candidates are expected to teach introductory courses for majors and non-majors and to develop an upper division / graduate course in their discipline. Candidates must have a Ph.D. in the biological sciences, a strong commitment to undergraduate and graduate teaching and are expected to maintain an active research program

involving both undergraduate and graduate students. The field of research can be in any area of environmental toxicology or cell biology and those with expertise in immunology, endocrinology or histology are encouraged to apply. Preference will be given to candidates who complement and strengthen current teaching and research fields in the department. Post-doctoral experience is preferred.

Submit a letter of application, faculty application form (http://www.valdosta.edu/academic/documents/Faculty_Employment_APP.pdf), curriculum vitae, statements of teaching philosophy and research interests, academic transcripts and three letters of recommendation to the Environmental Toxicology or Cell Biology Search Committee (please specify), Dept. of Biology, Valdosta State University, Valdosta, GA 31698-0015. Review of complete applications will begin November 5, 2007 and will continue until position is filled.

Valdosta State University, celebrating its 100th anniversary while building for its next century, utilizes a strategic planning process to enhance the educational, cultural, and economic development of the University and the region it serves. President Ronald M. Zaccari states that the University's strategic plan "serves as the catalyst for creative thinking to promote a vision for our geographic area and to build productive partnerships with our state, city, and county leadership; public school systems; the medical community; chambers of commerce; and local, regional and national organizations." VSU prepares students to meet global opportunities and challenges through a learning-centered classroom environment; expands the boundaries of current knowledge while exploring the practical applications of that knowledge; and promotes the progress of the region through excellence in service outreach, all while respecting the diverse abilities, backgrounds, and contributions of the university community.

Valdosta State University, where tradition and tomorrow come together.

VSU is an equal opportunity educational institution.

Position: Ecology

Institution: Berea College

Location: Kentucky

Description:

Biology/Ecology: Assistant Professor. Berea College.

The Department of Biology, in association with the Department of Chemistry, invites applications for a tenure-track position at the Assistant level beginning August 2008. The successful candidate will have a Ph.D. in biology or chemistry with an emphasis in ecology or similarly related area, a strong commitment to teaching and the ability to actively engage undergraduates in research. Post-doctoral research experience is desired; previous college teaching experience is preferred. Teaching responsibilities will include an introductory ecology course, an advanced course in applicant's area of specialty, an introductory majors biology course (BIO110-Modern Biology), and organic chemistry (CHM321 & 322-Organic Chemistry I & II). The candidate will also be expected to participate in the College's General Education Program. The candidate is expected to develop an active research program involving undergraduate students. The successful applicant will be eligible to apply for college-supported Undergraduate Research and Creative Projects Grants to fund summer research projects actively involving undergraduate students. Departmental and College service is also required. Interested applicants should send a letter of application, curriculum

vitae, graduate and undergraduate academic transcripts, a statement of teaching philosophy, a description of a research program that would involve undergraduate collaborators and three letters of recommendation to: Dr. Dawn J. Anderson, Chair, Department of Biology, Berea College CPO 1683, Berea, Kentucky 40404.

Consideration of applicants will begin 15 November 2007; applications will be accepted until the position is filled. Minority candidates are especially encouraged to apply. Berea College, in light of its mission in the tradition of impartial love and social equality, welcomes all people of the earth to learn and work here.

❧



Sandor Teszler Library on the campus of Wofford College,
Spartanburg, South Carolina.

Scenic Views



Lake and Bell Tower at Furman University, Greenville, South Carolina.



Reedy River Falls in downtown Greenville, South Carolina.

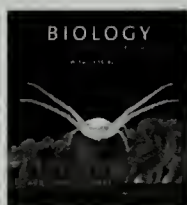
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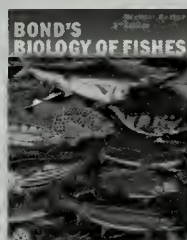


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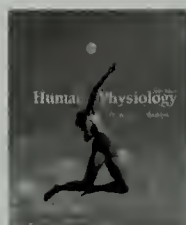
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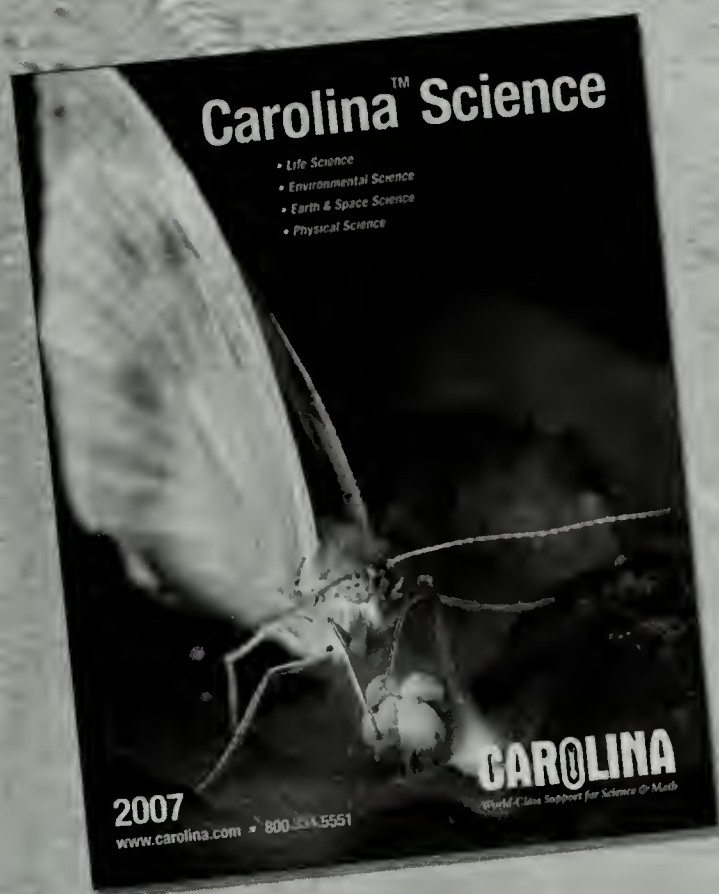
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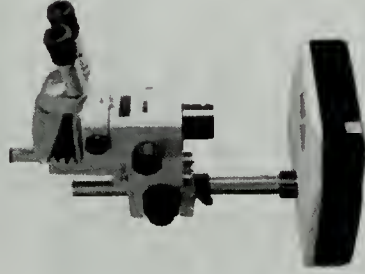


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